Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 134 DECEMBER 19, 1938 Number 25

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 134 DECEMBER 19, 1938 Number 25

F.T.C. Order Bans Calcium Chloride Pacts

OPD Washington Bureau
December 16, 1938

Price agreements in connection with the sale of calcium chloride prohibited under an order to cease and desist entered by the Federal Trade Commission against the Columbia Alkali Corporation, Barberton, Ohio; the Dow Chemical Company, Midland, Mich.; the Michigan Alkali Company, Wyandotte, Mich., and the Solvay Sales Corporation, Syracuse, N. Y. According to findings, the respondent companies engaged in their price-fixing program from November, 1937, to January, 1938. The text of the order follows:—

It is ordered: that the respondents, the Columbia Alkali Corporation the Dow Chemical Company, the Michigan Alkali Company, and the Solvay Sales Corporation, and their successors and assigns, officers, representatives, agents and employees, directly or indirectly, or through or by means of any association, its officers, representatives and agents, or by any other means, in connection with the offering for sale and distribution of calcium chloride in any form in interstate commerce or in the District of Columbia, do forthwith cease and desist from doing by agreement, combination, or conspiracy between or among any two or more of said respondents, or between or among any one of said respondents and any other competing manufacturer or distributor of calcium chloride in any form, the following acts and things:—

(1) Fixing or maintaining uniform prices in the sale of calcium chloride in any form in the United States;

(2) (a) Maintaining a uniform zoning system for the United States, (b) suggesting retail prices to their individual dealers or distributors, (c) exchanging information with reference to the prices each charges for calcium chloride, (d) changing simultaneously their sales prices for calcium chloride in any form, (e) offering identical bids for carload or less than carload lots of calcium chloride in any form to prospective purchasers when any or all of said acts were done for the purpose of effectuating any agreement, combination or conspiracy to fix or maintain uniform prices in the United States for the sale of calcium chloride in any form;

(3) Eliminating cash discounts for prompt payment by purchasers of calcium chloride.

The respondents are ordered to file with the Federal Trade Commission within sixty days after service of the order a report in writing setting forth the manner and form in which they have complied with this order.

The commission closed without prejudice its case against the Solvay Process Company, Geddes, N. Y., and the Calcium Chloride Association, Detroit, finding that neither had any connection with the unlawful acts and practices alleged in the complaint. The Solvay Process Company owns the Solvay Sales Corporation, through which it sells its output of calcium chloride. The Calcium Chloride Association is a trade association whose membership consists of the four companies against which the order to cease and desist is directed.

Penna. Chemical Society Names Harrisson President

The Pennsylvania Chemical Society has been incorporated for the advancement of chemistry as a science and as a profession in the State of Pennsylvania. Included in the list of incorporators were:—Edward R. Weidlein, director of the Mellon Institute, Pittsburgh; Frank C. Whitmore, of Pennsylvania State College; and Hiram S. Lukens, director of the department of chemistry of the University of Pennsylvania.

The officers of the society are:—President, Jos. W. E. Harrisson, of LaWall and Harrisson, Philadelphia; vice-president, Nelson W. Taylor, of Pennsylvania State College; secretary-treasurer, Elliott P. Barrett, of the Mellon Institute for Industrial Research.

Together with the officers, the following constitutes the board of governors:—

Joseph S. Hepburn, of Hahnemann Medi-

—*Continued on page* 31

Roper Resigns From Cabinet

OPD Washington Bureau
December 15, 1938

Daniel C. Roper today submitted his resignation as Secretary of Commerce, effective December 23, and it was accepted by President Roosevelt. The announcement was made by the White House in releasing an exchange of letters in which Mr. Roper expressed a desire to return to private life.

No announcement has been made regarding his successor.

Glass Container Patents Examined

OPD Washington Bureau
December 15, 1938

The glass container industry was examined in detail by the Temporary National Economic Committee this week as an example of how patents may be used to provide almost complete control over an entire industry.

Officials of several of the large glass companies were examined by Hugh B. Cox, department of Justice officials, in order to show the contrast between this industry and the situation in the automobile industry discussed last week and in which it was brought out that because of cross-licensing and free licensing, patents play every little part in the competitive situation of automobile manufacturers.

An exhibit prepared by the Department of Justice was displayed throughout the hearing in the form of a large chart showing how the glass container industry is dominated by two companies —the Owens-Illinois Glass Company and the Hartford-Empire Company. It was explained in the course of testimony that Hartford-Empire produces no glassware, but owns 717 patents on glass-making machinery which is manufactured for it and which it leases to thirty-one container manufacturers. Its principal patents cover the so-called gob feeder process. Owens-Illinois has seventeen branch plants using the suction feeder process. The two companies have cross-licensing agreements, and both also have interlocking interests with the Corning Glass Works. There are only three independent container manufacturers. Last year Hartford-Empire licensees produced 67.4 percent of all glass containers in the country, Owens-Illinois produced 29.2 percent, and the independents less than 3 percent.

In the course of the testimony it was brought out that Hartford-Empire holds patents on processes which it does not license, but which it keeps others from using by bringing infringement suits, and that the company attempts to anticipate inventions of others and to prevent other processes from getting a foothold by maintaining a research staff and taking out patents on all possible machinery and processes, even though it does not intend to put them to immediate use.

It was also admitted that care is taken to prevent over-production through licensing too many competitors, and while Hartford-Empire officials insisted they are not interested in controlling the price of bottles they are concerned in keeping the industry stabilized in order to be sure that licensees are able to pay royalties.

N.P.V.L.A. Executive Committee Meeting Jan. 10

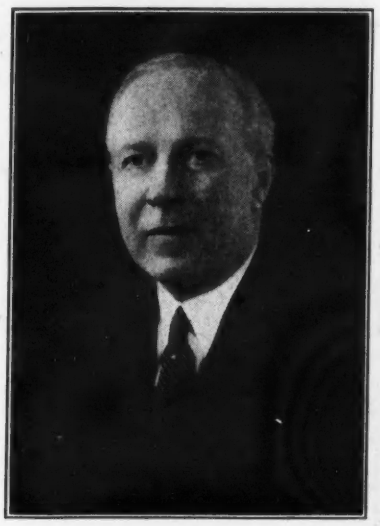
The executive committee of the National Paint, Varnish and Lacquer Association will meet in the Pennsylvania hotel, New York, January 10, at 10 a. m. The budget and finance committee will meet in the same hotel January 9 at 6:30 p. m.

S.O.C.M.A. Honors Herty In Memorial Resolutions

Appreciative honor was paid to the memory of the late Dr. Charles H. Herty, first president of the Synthetic Organic Chemical Manufacturers Association, in resolutions adopted by the association in its seventeenth annual meeting December 13 in the Chemists' Club, this city.

The memorial resolutions were as follows:—

Whereas, Dr. Charles Holmes Herty was one of the pioneers in the development



August Merz
S.O.C.M.A. President

and founding of the synthetic chemical industry in the United States; and

Whereas, he assisted in the founding of the Synthetic Organic Chemical Manufacturers Association of the United States, became its president in October, 1921, and devoted his entire time and ability to its growth and progress; and

Whereas, after serving it faithfully for many years he severed his connection as president in order to devote the remainder of his life to the development of the paper industry in his beloved South; and

Whereas, after incessant and arudous labor and research in this field he overcame the many obstacles which obstructed him and came out victorious in the struggle, thus opening a vista of incalculable value to the inhabitants of many of these United States; and

Whereas, his achievements in the development of both the synthetic chemical industry and the paper industry entitle him to unstinted praise for his patriotic endeavors and their successful consummation; now be it

Resolved: That we, the members of the Synthetic Organic Chemical Manufacturers Association, at our annual meeting in New York City, held on December 13, 1938, do officially recognize his ability, his labors and his achievements, knowing as we do that his name will be imperishably associated with the synthetic chemical indus-

Charles A. Mace
S.O.C.M.A. Secretary

try as long as it shall exist in the United States; and be it further

Resolved: That as individuals, as man to man, we personally deplore his loss and regret with great grief his untimely passing; be it further

Resolved: That a copy of this resolution shall be sent to his family; that another

—*Continued on page* 58

General Aniline Patent Ruling Stands

OPD Washington Bureau
December 12, 1938

The Supreme Court of the United States today refused to grant the petition of the Chemical Foundation, Inc., to review a patent controversy with General Aniline Works, Inc., over the right to a patent for a sulphur vat dye which the Alien Property Custodian attempted to seize during the war with Germany.

Prior to the declaration of War, Richard Herz, Frankfort-on-Main, Germany, Germany, obtained two patents on this dye, which later were seized by the custodian under the trading with the enemy act and turned over to the Chemical Foundation. After the outbreak of the war Hertz's United States attorney, Edmond Congar Brown, filed an application for a supplemental or improvement patent on the same general product, presumably to protest Herz's rights. It was brought out that the disclosures of this supplemental application had been made in patent applications Herz had filed in other countries.

The custodian attached this application but the patent was never issued because, after the war, Herz refused to validate the application by signing it. He then filed a new application for substantially the same claims and obtained a patent which he assigned to the General Aniline Works.

Lower courts held that the custodian could not seize the supplemental application since it was not property but only the inventor's idea.

D.R. Brewster Named Herty Foundation Director

Donald R. Brewster, former forestry specialist of the extension service at Clemson College, has been appointed field director of the Herty Foundation, Savannah, Georgia. Mr. Brewster succeeds Mr. Frank DeC. Heyward, jr., who was loaned, temporarily to the foundation by Governor E. D. Rivers. Dr. Charles H. Carpenter is technical director of the foundation and will continue the research in Southern woods at the pulp and paper laboratory established by Dr. Charles H. Herty.

Fishbein Talks About National Health Aims

Instead of telling his hearers, as had been scheduled, how the drug trade can better serve the public, Dr. Morris Fishbein, editor of the *Journal of the American Medical Association*, talked on "American Medicine and the National Health Program," at the luncheon meeting December 16 of the Drug, Chemical and Allied Trades Section of the New York Board of Trade. The gist of his statement of this relationship was as follows:—

It has been argued that the American Medical Association is fighting group clinics and group practice, yet there are in operation in this country at this time at least 300 experiments in group medical practice. There are at least 300 college and university student health services. Finally, in at least twenty States the Farm Securi-

—*Continued on page* 48

Closing Market Developments

Ohio Gasoline Cut

Gasoline prices at Ohio service stations were reduced 1c. per gallon to 15c. per gallon, including tax.

Tin Salts Steady

Tin derivatives remained unchanged later in the week. The steady tone could be attributed to the firmness prevailing in the metal market. Straits tin closed at .4610c. per pound.

Cottonseed Oil Easy

Cottonseed oil futures were quiet and easy on Friday with lard. May closed at 7.71c. and July 7.78c., showing a moderate decline as compared with the final prices of the previous day. Southern markets for crude oil were quiet and steady.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Cadmium:—Importation of cadmium into France is no longer subject to quota restriction.

Dephosphorization Slag:—The exportation or re-exportation from France of dephosphorization slag has been made temporarily subject to permit.

Imports:—New Zealand has established a license control on all imports and exports. The conditions governing the granting of import licenses have not been announced, but the Minister of Finance stated that each application would be decided on its merits. Merchandise ordered prior to December 5 and arriving in New Zealand before December 31, or which was on the sea on December 5, will not need an import license.

Rosewood Oil:—The Brazilian Association of Essential Oil Extractors of Amazonas has increased the quantity of rosewood oil to be exported annually from 80 to 130 tons.

Serums:—An import duty of 7 percent ad valorem applicable to goods of French foreign origin alike, and an import surtax of 7 percent ad valorem applicable to goods of foreign origin only has been established in French West Africa.

Sulphur: — Importation of sulphur into Greece has been made subject to the issuance of a special import permit for each shipment.

Superphosphate:—Imports of superphosphate into Norway have been made subject to permit regulations of the Norwegian Department of Agriculture.

Vegetable Oils:—The Dominican Republic requires that special permits be obtained from the Department of Treasury and Commerce for the importation of vegetable oils, except olive oil.

Vegetable Fats:—The import surtaxes applicable to French West Africa to goods of non-French origin have been reduced on a range of animal and vegetable fats and oils and derivative products.

Dairy By-Products Use Reviewed by O.E. Reed

Fundamental research, carried on over a period of years, has resulted in the development of a number of new industrial and chemurgic uses for products of the dairy industry, according to the annual report of O. E. Reed, chief of the Bureau of Dairy Industry in the Department of Agriculture.

Of the nearly 46,000,000,000 pounds of skim milk available for processing annually, the report stated about 38,000,000,000 is used as livestock feed, less than 7,000,000,000 is used for human food, and about 1,000,000,000 for making casein. Casein has many uses in the plastic arts, but most of the 35,000,000,000 pounds in this country is used by the paper-coating industry.

Laboratory experiments have demonstrated the possibility of using large quantities of sweet whey in soups, fruit whips, and candies. A process has been perfected by which the smaller cheese factories can concentrate and preserve whey for sale to food manufacturers and confectioners.

Chemical Price Average Dips

There was a slight recession last week in the general average of prices in the markets for heavy and fine chemicals, the influence being exerted in the coaltar division. No definite trend was manifested, but quotations on some corn derivatives were advanced.

New contract schedules, covering a variety of materials, including oxalates, prussiates, silicofluorides, coaltar dyes and intermediates, for the most part continued prevailing quotations for the early part of next year. The volume of business reflected a more pronounced tendency to avoid all but nearby needs for materials. Consumers' inventories apparently will be quite low at the end of the year.

Prices were advanced on corn dextrin, cornstarch, pyridins, denaturing grade methanol, gum turpentine, sumac leaves, African wattle bark, imported tankage, agar, and feeding tankage at Chicago.

Prices were reduced on tar acid oils, sulphanilamide, antimony, imported silicofluoride of soda, sulphonated tallow oil, medium grades of gum rosin, J1 and J2 myrobalans, Singapore dammar, some East Indies and Pontianak copals, and film scrap.

The REPORTER'S composite index number of prices for heavy and fine chemicals receded to 125.5 (100= average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.9, compared with 89.9 at this time last year and 88.7 in 1936.

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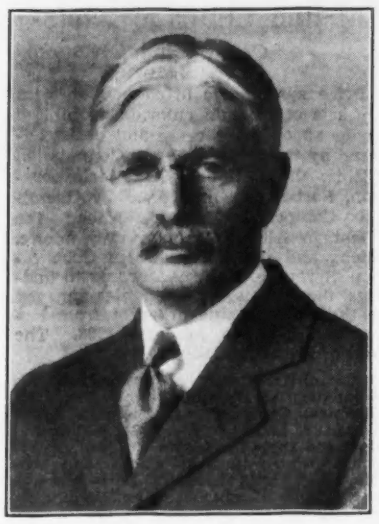
Oil, Paint and Drug Reporter, Volume 134, No. 25, December 19, 1938. Published weekly by Oil, Paint and Drug Publishing Company, Inc., 59 John Street, New York. Annual subscription price:—United States, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

C.H. Crane Given Testimonial Dinner

Clinton H. Crane, president of the St. Joseph Lead Company, this city, was the guest of honor at a dinner in the Racquet, tendered by his associates in observance of his twenty-fifth anniversary as president of the company.

Mr. Crane, a naval architect of distinction and a yachting enthusiast, is a graduate of Harvard and Glasgow Universities. For twelve years previous to joining the St. Joseph Lead organization in 1913, Mr. Crane had been associated with Tams, Lemoine & Crane, naval architects, this city. During the World War, Mr. Crane was head of the Lead Industries Board and for many years has been a member of the Lead Industries Association, of which he is now president. He is a former president of the Mining and Metallurgical Society of America, and a member of the American Institute of Mining and Metallurgical Engineers, the Society of Naval Architects and Marine Engineers, the United States Naval Institute, the Academy of Political Science.



Clinton H. Crane

'Nu-Enamel' Wins Case Against Armstrong Paint

OPD Washington Bureau
December 16, 1938

The Supreme Court of the United States has held the Armstrong Paint and Varnish Works guilty of unfair competition in using the brand, "Nu-Beauty Enamel," on enamel paints which allegedly enabled dealers to palm off this product in place of the "Nu-Enamel" brand of the Nu-Enamel Corporation.

The suit was remanded to the United States District Court in Illinois for determination of damages, profits and form of decree. The Nu-Enamel Corporation sued the Armstrong firm to enjoin its use of the mark, require accounting of profits, and recover treble damages. The trial court held that "Nu-Enamel" is not a valid trade mark and refused to take jurisdiction over the unfair competition angle, but the Circuit Court of Appeals held the mark valid and infringed.

The Supreme Court's opinion was largely a technical discussion of the differences among various trade mark laws and court decisions under them, but it held that if a trade mark is registered the Federal courts have jurisdiction over all causes arising from use of the mark, and may consider a complaint of unfair competition even if the mark is not properly registered.

The court held that "Nu-Enamel" is descriptive of a type of paint long known to manufacturers and that while the company used the mark on brushes and many other products not enamel, the court could consider its use only on enamel since "Nu-Beauty Enamel" was used only on enamel.

Paint Styling Group To Meet Dec. 27-28

The technical and fact-finding committee and the publicity committee of the Council for Paint Styling, of which M. Rea Paul is chairman, is scheduled to meet December 27-28, 1938, in the Pennsylvania hotel, this city.

Cannabis Research Scheme Is Planned

OPD Washington Bureau
December 12, 1938

A plan for coordinating research on the Indian hemp (cannabis) plant and its marihuana content was outlined at a conference held here today under the auspices of the Treasury Department.

Because the plant is commercially valuable for its fiber, seeds, hempseed oil, and meal, an attempt will be made to breed a narcotic-free strain, but before this can be done there must be a determination of the chemical structure of marihuana and its toxic and narcotic alkaloids or other derivatives. Although the narcotic effects of marihuana have been known in a general way for several thousand years, there is almost no scientific information on its chemical structure, physiological effects, antidotes, and methods of detection.

By coordinating the research work of government and private agencies, it is hoped to develop a body of information which will be of value in plant breeding and cultivation, crime detection and prosecution, enforcement of the narcotic laws, treatment of addicts, general medicine, psychiatry, sociology, and other sciences.

Research Agricultural Laboratory Sites Named

The four regional research laboratories, authorized by the last Congress to study potential industrial outlets and markets for agricultural commodities, have been designated by the Department of Agriculture. The laboratories will be located at the following places:—The laboratory for the Northern region will be located in Peoria, Ill.; Southern region, New Orleans, La.; Eastern region, Philadelphia area, and Western region, San Francisco Bay area. O. E. May will be in charge of the Northern laboratory; Southern, D. F. J. Lynch; Eastern, P. A. Wells, and Western, T. L. Stevenson.

Swain Proposes Plan To Curb Md. Poison Sales

Baltimore, Dec. 12, 1938

Dr. Robert L. Swain, deputy food and drug commissioner, at a meeting of the State Department of Health, recently presented a three-point plan to curb careless handling of industrial poisons. Dr. Swain suggested licensing of dealers, the coloring of agricultural arsenates to prevent confusion with food products, and the prohibition of the sale at retail of such poisons except in original packages. Dr. Swain was of the opinion that a license fee of $1 a year would make all points of poison distribution a matter of public record and would allow the State to investigate conditions under which such poisons are sold.

Copies of the model or uniform State food, drug and cosmetic bill, which Federal authorities are working in conjunction with the health officials in the various States and are trying to have enacted, so that there may be complete harmony between Federal and State measures, have been received in official circles here and are receiving intensive study.

Cold-Water Paints Specification Revised

OPD Washington Bureau
December 13, 1938

Because of criticism of the omission of a basis for classification according to the nonvolatile binder, changes have been made in the proposed Federal specifications for cold-water paste wall paint. The new specification covers two types on the basis of binder:—Grade A, casein or other protein binder; grade B, emulsified resin binder.

Copies of the revised proposed specification have been distributed among interested manufacturers and others by the Technical Committee on Paint, Federal Specifications Executive Committee, National Bureau of Standards. It is the committee's desire that comment on the proposed specification be in its hands by January 8.

Particulars may be obtained from the chairman of the technical committee, E. F. Hickson, 417 Chemistry building, National Bureau of Standards, Washington.

Drug Law Rules Expected in Jan.

OPD Washington Bureau
December 15, 1938

All facilities of the Food and Drug Administration are being centered on the task of redrafting the tentative general regulations under the food, drug, and cosmetic act of 1938 and studying the objections raised to them at the recent hearing.

Officials are still hopeful that the new regulations may be promulgated by the first week in January, in order to give the industries concerned the greatest possible time to conform to them before the act takes effect June 25.

Private Motor Carrier Hearings Postponed

OPD Washington Bureau
December 15, 1938

The Interstate Commerce Commission today postponed the hearings in its investigation of the need for promulgating safety regulations for private motor carriers in interstate commerce, known as ex parte No. MC 3. The hearings originally were set to begin January 9, but the National Council of Private Motor Truck Owners filed a petition asking for further time.

The hearings have now been re-assigned before Examiner R. W. Snow as follows:—

February 20, in the offices of the Interstate Commerce Commission, Washington; February 23, in the Hotel New Yorker, New York; February 27, in the Hotel Sherman, Chicago; March 2, in the Hotel Nicollet, Minneapolis; March 6, in the Hotel Spokane, Wash.; March 8, in the Hotel Multnomah, Portland, Ore.; March 13, in the offices of the California Railroad Commission, Los Angeles; March 17, in the Hotel Fontenelle, Omaha, Neb.; March 20, in the Hotel Peabody, Memphis, Tenn.

Trucking Freight Schedules Suspended

OPD Washington Bureau
December 15, 1938

In I&S docket M-560 the Interstate Commerce Commission today suspended until March 15 the application of proposed motor truck schedules which would establish new and reduced commodity rates on a number of commodities, including hide trimmings, mineral water, soap, lard, lard substitutes, drugs, medicines, and toilet preparations, in truckload and less than truckload lots, between points in Idaho, Oregon, and Washington.

Proposed new truckload commodity rates of 19 cents per 100 pounds on oils and grasses in containers from Kansas City, Mo., to Yates City, Kan., were ordered suspended by the commission today in I&S docket M-557. No present rates are in effect. A hearing will be held in Wichita, Kan., January 26.

Geological Society Meeting Here December 28-30

The Geological Society of America will hold its fiftieth annual meeting in the Waldorf-Astoria, this city, December 28-30. The Paleontological Society, the Mineralogical Society of America, the Seismological Society of America, and the Society of Economic Geologists will hold their annual meetings as a part of the program and will participate in the exhibits, scientific sessions and annual dinner of the Geological Society scheduled for December 30. The program also includes the presentation of the Penrose Medal to Dr. Andrew Cowper Lawson.

Reichhold Chemicals Buys Fred Lavanburg Company

Reichhold Chemicals, Inc., synthetic resin manufacturer, Detroit, has acquired the business of Fred. L. Lavanburg Company, dry color manufacturer, Brooklyn. The Lavanburg company manufactures a complete line of chemical pigment colors and paris green. For many years, the Somers' interests were prominently identified with the company.

Reichhold Chemicals was formerly known as Beck, Koller Company and maintains plants throughout the world.

McKesson & Robbins Officials Indicted by U.S. Grand Jury

Fairfield, Conn., Dec. 16, 1938

F. Donald Coster, president of McKesson & Robbins, Inc., committed suicide by shooting, in his home here shortly after noon today. Coster, who had been identified as Philip Musica, with a criminal record, was indicted by a Federal grand jury in New York yesterday on charges of violating the securities act. He was fifty-four years old.

F. Donald Coster, president of McKesson & Robbins, Inc.; George E. Dietrich, assistant vice-president and assistant treasurer of the company; and George Vernard, financial agent and reputed head of the company's business in Montreal, were indicted by a Federal grand jury in this city December 15 in a presentment handed up to Judge William Bondy. The indictments comprise four counts; the first three charge that the securities act of 1934 was violated by the filing of false information with the New York Stock Exchange; the fourth count charges conspiracy to file false information.

Similar indictments were handed up against McKesson & Robbins, Inc.

Warrants charging the three officials with violation of the securities act were issued earlier in the week. Coster and Dietrich were served in this action December 14 and admitted to bail. Vernard appeared in answer to the charges the next day, and his bail was set at $3,500.

Investigations by the grand jury are being continued, and the acting Federal attorney has said that developments to date had "apparently just scratched the surface." Among the disclosures hinted to be expected was the connecting of the company with the illicit furnishing of arms and munitions to warring countries abroad. More than fifty subpoenas were issued in the investigation, summoning Wall Street operators, officials and employees of McKesson & Robbins, and others.

Other investigations of the McKesson & Robbins "mystery" of missing assets were got underway during the week by the Attorney-General of the State of New York, the local district attorney's office, and the New York Stock Exchange.

Coster's Police Record

Records of the local police department disclosed from fingerprints that F. Donald Coster was Philip Musica, who had pleaded guilty to bribery in 1909 on charges growing out of evasions of customs duties, and had served a term in prison; also that he had received a suspended sentence on another charge of grand larceny growing out of manipulations of a business in human hair which resulted in losses of some $600,000 to banks and others about 1913. In 1920 he was indicted for perjury in a murder case. This indictment held until June, 1929, three years after "Coster" became president of McKesson & Robbins, when it was dismissed.

Subsequently Musica vanished, and in 1922 Coster appeared as president of the Girard Drug Company, later Girard & Co., manufacturer of alcoholic toilet preparations.

George Vernard, who apparently handled the so-called "W. W. Smith & Co." associate of McKesson & Robbins, was identified from fingerprints as Arthur Musica, brother of Philip.

Investigation of the identity of George

—*Continued on page* 44

Magnus to Be Dined By N.Y. Trade Board

In recognition of his service to business in the six years that he has been president of the New York Board of Trade, Percy C. Magnus will be given

Percy G. Magnus

a testimonial dinner by the board January 26 in the Waldorf-Astoria hotel.

Mr. Magnus, who is president of Magnus, Mabee & Reynard, essential oils and aromatic chemicals, was first elected president of the board of trade in December, 1932. During his presidency the organization paid off a large accumulated debt and increased its membership 60 percent.

The dinner to Mr. Magnus is being arranged by a committee of the board of which M. D. Griffiths, executive vice-president, is secretary.

Wrisley Soap Case Heard by F.T.C.

OPD Washington Bureau
December 14, 1938

The Federal Trade Commission today heard final argument in its complaint case in which the Allen B. Wrisley Company, Chicago, is charged with misrepresentation in the sale of soaps containing olive oil.

The discussion centered around the question of whether a soap sold as olive oil soap is misbranded if it contains any other oils in addition to its olive oil content. The commission's attorney cited the testimony of trade and consumer witnesses to show that olive oil soap is expected to contain no other oils. The attorney for the company pointed to testimony which he said indicated that consumers generally did not expect that the entire oil content of a soap was olive oil unless it was specifically so stated on the label and in advertising. He also told the commission that his company, which has been in business for many years, has never used any advertising which would lead purchasers to believe that its soap products do not contain any oils but that derived from olives, and has not used pictures of olive or palm trees or other devices to suggest the olive oil content.

The company, he admitted, markets a number of soaps, containing some olive oils and some other fats, which are known as olive oil soaps.

Camphor-Yielding Oil Discovered in the Sudan

OPD Washington Bureau
December 14, 1938

The Sudan government chemist submitted during the year 1937 to the Imperial Institute a sample of ocimum oil stated to represent the total distillate (about 5 percent) from the leaves of a plant which had been identified at Kew as *Ocimum kilimandscharicum*. The leaves had been stored for several months before distillation. Preliminary tests at Khartoum had indicated that the distillate consisted largely of camphor and terpenes, according to information obtained by the Department of Commerce, and it was desired to ascertain whether the material would be of commercial interest.

On examination it was found that 62 percent of solid camphor could be obtained from the distillate by filtration and compression and that a further 15 percent could probably be recovered from the residual oil. The camphor was regarded in the trade as of good quality, and it was considered that, if the oil could be offered at a reasonable price (around 20 cents per pound) and the camphor content guaranteed within reasonable limits, there should be an outlet for it in the United Kingdom.

The camphor might be prepared in the Sudan, but it appeared probable that, in view of the better facilities for freezing available in the United Kingdom and the possibility that treatment in the Sudan would not give the maximum yield of camphor

HOW TO MAKE *Better* WHITE and TINTED ENAMELS

WITH the development twelve years ago of Titanium Dioxide (Titanox-A) a new standard was established for opacity, whiteness and brightness in pigments. That supremacy never has been challenged. Meanwhile research and study have concentrated on means for expanding the application of this premier pigment to the end that it should be of universal service in the formulation of white and tinted enamels.

Now there is a Titanox-A pigment for every type of enamel, represented by the original Titanox-A, and the newer pigments, Titanox-A, No. 168, and Titanox-A, Phthalate Treated.

The production of *better* enamels has thus been simplified to the problem of bringing together the right Titanox-A and the proper vehicle. Our Service Department will gladly help manufacturers to make the right combination.

The Master Pigment for Enamels

TITANOX-A (Titanium Dioxide) contributes materially to improvement in the qualities of elasticity, continuity of film and extreme gloss; gives exceptional smoothness and uniformity; is chemically stable and inert, and highly resistant to after-yellowing; withstands baking without appreciable loss of whiteness and brightness; is recommended for enamels including both the nitro-cellulose type and quick drying finishes made with synthetic resin vehicles.

TITANOX-A, No. 168 (Titanium Dioxide) gives good initial color and color stability in resin vehicles under conditions of air-drying and of baking; combines with either alkyd or phenolic resin types of vehicles to produce brilliant white finishes free from discoloration or after-yellowing; gives marked color performance in baked alkyd finishes even at high baking temperatures; indicates improved color characteristics in nitro-cellulose lacquers; shows improved performance on exterior exposures in resistance to chalking.

TITANOX-A (Titanium Dioxide) **PHTHALATE-TREATED** shows remarkable resistance to chalking in alkyd types of enamel finishes under exposure to weather. Suitable for short-oil, oleoresinous varnishes and nitro-cellulose lacquers. Recommended for tinted enamels designed for outdoor exposure.

TITANIUM PIGMENT CORPORATION

Sole Sales Agent

111 Broadway, New York, N. Y.; Carondelet Station, St. Louis, Mo.; National Lead Company (Pacific Coast Branch), 2240 24th Street, San Francisco, California.

TITANOX — THE NEW WHEEL HORSE OF THE PAINT INDUSTRY — REG. U.S. PAT. OFF.

TITANOX

TRADE MARK

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd....lb. .16 - —
Acetamide, CP, kgs., 1,000-lb. lots, dlvd..lb. .44 - —
tech., kgs., 1,000-lb. lots, dlvd., lb. .39 - —
Acetanilide, tech., bbls.....lb. .22 - —
95% bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide. dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd. .....lb. .06¼- —
tanks. dlvd. .....lb. .04¾- —
Methyl (see M)
Acetophenone, bots. .....lb. 1.30 - 1.45
cns., 25 lbs. .....lb. 1.15 - 1.25
dms., 100 lbs. .....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
50%, bbls. .....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls. .....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls. .....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls .....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls. .....100 lbs. 10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, al. dms. ....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls. .....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls. .....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls. .....100 lbs. 7.68 - 7.96
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11½
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kgs, 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 3.00 - 3.25
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17½- .18
Chinawood oil, dms.....lb. .16 Nom.
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y..lb. .15¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .22 - —
Acid, citric, cryst., gran., 10,000 lb., lots, one shipt., lb. .22½- —
smaller lots.....lb. .23 - —
kegs .....lb. .23½- —
anhyd., gran, dms., 10,000 lbs. 1 shipt..lb. .25 - —
smaller lots .....lb. .25½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .06¾- .07¼
tanks .....lb. .06¼- —
Cresylic, high-boil, special resin grade, dom., c.l., works, frt. equaled.....gal. .63 - —
l.c.l., same basis.....lb. .64 - —
High-boil, other grades, dom., c.l., frt. equaled.....gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms. c.l., works frt. equaled..gal. .69 - —
l.c.l., same basis.....lb. .71 - —
imported, pale, dms., l.c.l.gal. .62 - .66
dark, dms., l.c.l.....gal. .61 - —
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l....lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1340
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .75
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 600 lbs..lb. .20 - —
H, bbls. .....lb. .45 - —
Hempseed oil, dms.....lb. .1180- .1230
Hydriodic, 47%, bots.....lb. 2.50 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60% lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade .....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12¾
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist.. tech., dms....lb. .11¾- .12¼
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1100- .1160
extra white, dist., dms....lb. .12¼- .13
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.80 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., USP, dealers, cbys....lb. .06¼- —
6-lb. bots.....lb. .18¾- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l...lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
Acid, naphthenic, acidity, 240-280 ams., c.l..lb. .10 - —
Sludge, dms.. c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works. 100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11¼- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06¼- .06¾
tanks .....lb. .05¾- —
Perilla, dist., dms.....lb. .14 - .14¼
Phenylacetic, bots. .....lb. 1.75 - 2.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys. .....lb. .07½- —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .26 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst , cns.....lb. 1.45 - 1.60
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices.
tech., bbls., works.....lb. No prices.
Soybean oil, dist., dms.....lb. .09 - .09¼
Stearic, distil., double pressed, bgs., dlvd..lb. .10 - .11
single pressed, bgs., dlvd..lb. .09½- .10¼
triple pressed, bgs., dlvd..lb. .12¾- .13¾
saponif., double pressed, bgs., dlvd..lb. .10¼- .11¼
triple pressed, bgs., dlvd..lb. .13 - .14
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06¾- —
9-lb. bots. .....lb. .16¾- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.26.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.-100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .98 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27¼- —
smaller quantities.....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs., works....lb. 2.60 - 2.85
tech., kgs., works.....lb. 1.65 - 1.75
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .28 - .30
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .90 - .91
2, bls.....lb. .85 - .86
3, bls.....lb. .63 - .65
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis. lb. .18 - —
light, dom., flake, dms., f.o.b., Chicago., frt. alld. lb. .52 - .60
import, bgs.....lb. .52 - .60
Egg, ed., dom., cryst., bbls., lb. .75 - .77
dom., pwd., dms., bbls., lb. .80 - .82
import, cs.....lb. .75 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .116 - —
l.c.l., frt. alld.....lb. .120 - —
tanks, frt. alld.....lb. .106 - —

Acacia—Alum

Alcohol, benzyl, cans.....lb. .68 - —
drums .....lb. .66 - —
butyl, normal, dms., c.l., frt. alld..lb. .09¼- —
l.c.l., frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .09¼- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07¼- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .80 - —
Cetyl, dom., C.P., fiber otns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .90 - —
import, 85%, 100 lb. dms...lb. .85 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .65 - —
Cinnamic, bots. .....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .34 - —
l.c.l., works, dms.....gal. .33 - —
tanks, E., works.....gal. .26 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .31 - —
19 bbls., E. works...gal. .33 - —
gal. .36 - —
1 to 18 bbls., E. works. gal. .36 - —
dms., c.l., E. works....gal. .30 - —
19 dms., E. works...gal. .32 - —
1 to 18 dms., E. works, gal. .35 - —
tanks, E. works.....gal. .24 - —

Anhydrous, 5c. per gal. higher.

SD23-G, works, E., dms.gal. .34½- —
19 dms.....gal. .36½- —
1 to 18 dms.....gal. .39½- —
tanks .....gal. .28½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E., works..gal. .31 - —
20 dms., E. works...gal. .33 - —
1 to 19 dms., E. works, gal. .36 - —
tanks, E. works.....gal. .25 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt., alld..lb. .11¼- —
l.c.l., frt. alld.....lb. .12 - —
tanks, dlvd. .....lb. .10½- —
tech., contract, dms., c.l., frt. alld..lb. .10¼- —
l.c.l., frt. alld.....lb. .11 - —
tanks, dlvd. .....lb. .09½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.57½- —
19 bbls.....gal. 4.59½- —
1 to 18 bbls.....gal. 4.62½- —
dms., c.l.....gal. 4.56½- —
19 dms.....gal. 4.59½- —
1 to 18 dms.....gal. 4.61½- —
tanks .....gal. 4.50½- —
absolute, dms, c.l.....gal. 4.80 - —
19 dms.....gal. 4.91 - —
1 to 18 dms.....gal. 4.94 - —

Grain alcohol 25c. per gal. higher.

Furfuryl, tech., cns., works...lb. .85 - —
dms., c.l., 33,000 lbs., works, lb. .29 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .08¼- —
l.c.l., same terms.....lb. .09 - —
tanks, same terms.....lb. .07¼- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest..gal. .33½- —
l.c.l., same basis.....gal. .33½- —
tanks, same basis.....gal. .28½- —
99%, dms., c.l., same terms, gal. .36 - —
l.c.l., same terms....gal. .41 - —
tanks, same terms.....gal. .31 - —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.70 - 2.85
Propyl (see Isopropyl)
Propyl, normal, dms., works, gal. .70 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .73
Aldehyde bisulphite bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., dlvd...lb. .20 - —
5 and 10 gal. dms., dlvd...lb. .22 - —
Aletris root, bgs.....lb. .40 - .42
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .11 - .12
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .20 - .22
Curacao, cs.....lb. .42 - .43
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - 2.80
100-lb. kgs.....lb. 2.67 - 2.82
25-lb. fib. dms.....lb. 2.74 - 2.89
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .33 - —
Althea root, cube cut, bbls....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .19
gran., bbls., works....100 lbs. 2.15 - —
dlvd. N.Y. Phila....100 lbs. 2.15 - —
lump, bbls., works....100 lbs. 2.40 - —
dlvd., N.Y., Phila..100 lbs. 2.40 - —
powd., bbls., works...100 lbs. 2.55 - —
dlvd. N. Y., Phila..100 lbs. 2.55 - —
powd., bbls., works...100 lbs. 2.55 - —
dlvd., N. Y., Phila...100 lbs. 2.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse

Alum—Areca Nuts

Alum, ammonia (cont.):—
deliveries all metrop. zones (except N.Y.) dlvd. N.Y. prices apply to truck or ex warehouse.
add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point;

Potash, gran., bbls., works, 100 lbs.	3.40	3.65
dlvd. N.Y., Phila. 100 lbs.	3.60	—
lump, bbls., works, 100 lbs.	3.65	3.90
dlvd. N.Y. Phila. 100 lbs.	3.65	—
powd., bbls., works, 100 lbs.	3.80	4.05
dlvd. N.Y., Phila. 100 lbs.	3.80	—
Potash alum prices on same basis as those for ammonia alum.		
Potash-chrome, bbls., lb.	.06¾	.06½
Soda, bbls., c.l., works, 100 lbs.	3.25	—
l.c.l., dlvd., 100 lbs.	4.25	5.00
Alumina acetate, 20% normal solut., bbls., c.l., dlvd., lb.	.07½	—
l.c.l., dlvd., lb.	.09	—
28%, basic solut., bbls., c.l., dlvd., lb.	.10	—
l.c.l., dlvd., lb.	.12	—
basic powd., bbls., dlvd., lb.	.40	—
smaller containers, dlvd., lb.	.80	—
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works, lb.	.06	—
12,000 to 40,000 lbs., works, lb.	.07	—
1,100 to 11,000 lbs., works, lb.	.08	—
140 to 875 lbs., works, lb.	.09	—
100 lbs., or less, works, lb.	.10	—
cryst., com'l, dms., c.l., works, lb.	.06	—
l.c.l., dms., works, lb.	.06½	—
solution, 32 deg., cbys., c.l., works, lb.	.02¾	—
l.c.l., cbys., works, lb.	.03¼	—
Formate, 30% solut., bbls., c.l., dlvd., lb.	.13	—
l.c.l., dlvd., lb.	.15	—
Hydrate, heavy, bbls., c.l., works, lb.	.0200	—
l.c.l., bbls., lb.	.03½	—
bgs., c.l., lb.	.0260	—
light, bbls., dlvd., lb.	.12	—
Oleate, dms., contr., lb.	.15¾	—
open order, lb.	.17½	.18½
Palmitate, precip., bbls., lb.	.23	—
Resinate, precip., dms., dlvd. lb.	.15	—
Stearate, precip., bbls., ctns., c.l., lb.	.19	—
l.c.l., ton, lb.	.20	—
less than ton, lb.	.21	—
Sulphate, com'l, bgs., c.l. works, frt. equaled, 100 lbs.	1.15	—
l.c.l., works, frt. equaled, 100 lbs.	1.40	—
bbls., c.l., works, frt. equald. 100 lbs.	1.35	—
l.c.l., works, frt. equald. 100 lbs.	1.60	—
iron-free, bgs., c.l., works, 100 lbs.	1.30	—
l.c.l., works, 100 lbs.	1.55	—
bbls., c.l., works, 100 lbs.	1.50	—
l.c.l., works, 100 lbs.	1.75	—
Aluminum, 98-99%, c. l., lb.	.20	—
l.c.l., lb.	.21	—
paste, lining, extra fine, dms., 1,500 lbs., lb.	.65	—
ink, dms., 1,500 lbs., lb.	.75	—
standard, dms., 1,500 lbs., lb.	.43	—
powder, lining, extra fine, dms., 1,500 lbs., lb.	.62	—
standard, dms., 1,500 lbs., lb.	.57	—
Aluminum, powder, litho, extra brilliant, dms., 1,500 lbs., lb.	.43	—
extra fine, dms., 1,500 lbs., lb.	.47	—
lining, dms., 1,500 lbs., lb.	.57	—
standard, dms., 1500 lbs., lb.	.43	—
rubber compound, dms., 1,500 lbs., lb.	.40	—
unpolished, dms., 1,500 lbs., lb.	.37	—
varnish, extra brilliant, dms., 1,500 lbs., lb.	.43	—
extra fine, dms., 1,500 lbs., lb.	.47	—
standard, dms., 1,500 lbs., lb.	.43	—

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 300 lbs.; 2c. per lb. higher for 300-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs., for partial shipments on contracts, prices are 5c. per lb. higher on lots of less than 300 lbs.; 1c. per lb. higher for 300-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins, oz.	17.00	36.00
Aminopyrine, fib., dms., 100 lbs., lb.	4.00	—
bots., 5 lbs., lb.	4.22	4.25
Ammonia, acetate, bbls., kgs., dlvd., lb.	.27	.33
dms., dlvd., lb.	.23	.26
Aldehyde, dms., lb.	.65	.70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works, lb.	.04½	—
refrigeration, tanks, works, lb.	.05	—
pure, cyls., dlvd., met. N.Y. lb.	16	—

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys., b.	.05	—
dms., c.l., lb.	.02	—
l.c.l., lb.	.02¼	—
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit, lb.	.04	—
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit, lb.	.3¾	—
Benzoate, dms., 4,000 lbs. or more, lb.	.40	.42
1,000 lbs. to 3,900 lbs., lb.	.41	.43
900 lbs. or less, lb.	.42	.46
kgs., 4,000 lbs. or more, lb.	.40	—
1,000 lbs., to 3,900 lbs., lb.	.41	—
900 lbs. or less, lb.	.42	—
Bicarbonate, bbls., c.l., works, 100 lbs.	5.15	—
l.c.l., dlvd. N. Y., 100 lbs.	5.71	—
Bichromate, bbls., lb.	.32	—
Bifluoride, bbls., lb.	.14½	.16½
Borate, bbls., kgs., lb.	.15	.16
Bromide, gran., bbls., lb.	.35	—
bxs., lb.	.38	.39
kgs., lb.	.36	—
Carbonate, tech., dom., bbls., lb.	.08	.12½
imported, csks., lb.	.08	.12½
USP, lump, dms., lb.	.08	.17
powd., bbls., dms., lb.	.09	.25
Chloride, tech. (see Ammoniac, sal.),		
USP, gran., 225 lb. bbls., lb.	.12	.13
100 lb. kgs., lb.	.15	—
Citrate, dms., lb.	.80	—
cns., lb.	.85	—
Fluoride, bbls., lb.	.17	.19
Hydroxide, (see Ammonia, aqua),		
Hypophosphite, fib., dms., lb.	1.10	1.17
jars, lb.	1.20	—
Iodide, 5-lb. bots., lb.	3.52	—
jars, lb.	3.45	—
Laurate, bbls., lb.	.24	—
Linoleate, 80%, anhyd., bbls., lb.	.13	—
Molybdate, kgs., wks., lb.	1.05	1.20
Naphthanate, bbls., lb.	.18	—
Nitrate, tech., bgs., c.l., works, 100 lbs.	3.60	—
l.c.l., works, 100 lbs.	3.85	—
bbls., c.l., works, 100 lbs.	3.80	—
l.c.l., works, 100 lbs.	4.05	—
Oleate, dms., lb.	.15	—
Oxalate, neutral, powd., bbls., kgs., lb.	.19	.20
Perchlorate, kegs, lb.	.16	—
Persulphate, kgs., lb.	.21	.22
Phosphate, dibasic, N.F.V., bls., lb.	.27	—
kgs., lb.	.29	—
tech., bbls., c.l., lb.	.07½	—
l.c.l., lb.	.09	.10
monobasic, crude (fert. grade), 11% N 15% phos., bulk, f.o.b. E. works, unit-ton.	1.20 &	.70
pure, bbls., lb.	.40	.45
tech., bbls., c.l., lb.	.07½	—
l.c.l., lb.	.09	.10
Ricinoleate, bbls., lb.	.16	—
Salicylate, U.S.P., kgs., lb.	1.15	1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y., lb.	.09	—
5 bbls., same basis, lb.	.08½	—
Stearate, anhydrous, lb.	.23	—
paste, lb.	.08	—
Sulphate, dom., bulk, c.l., f.o.b. December shipt., ton.	27.75	—
Jan.-June, 1939 shipt., ton.	28.00	—

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

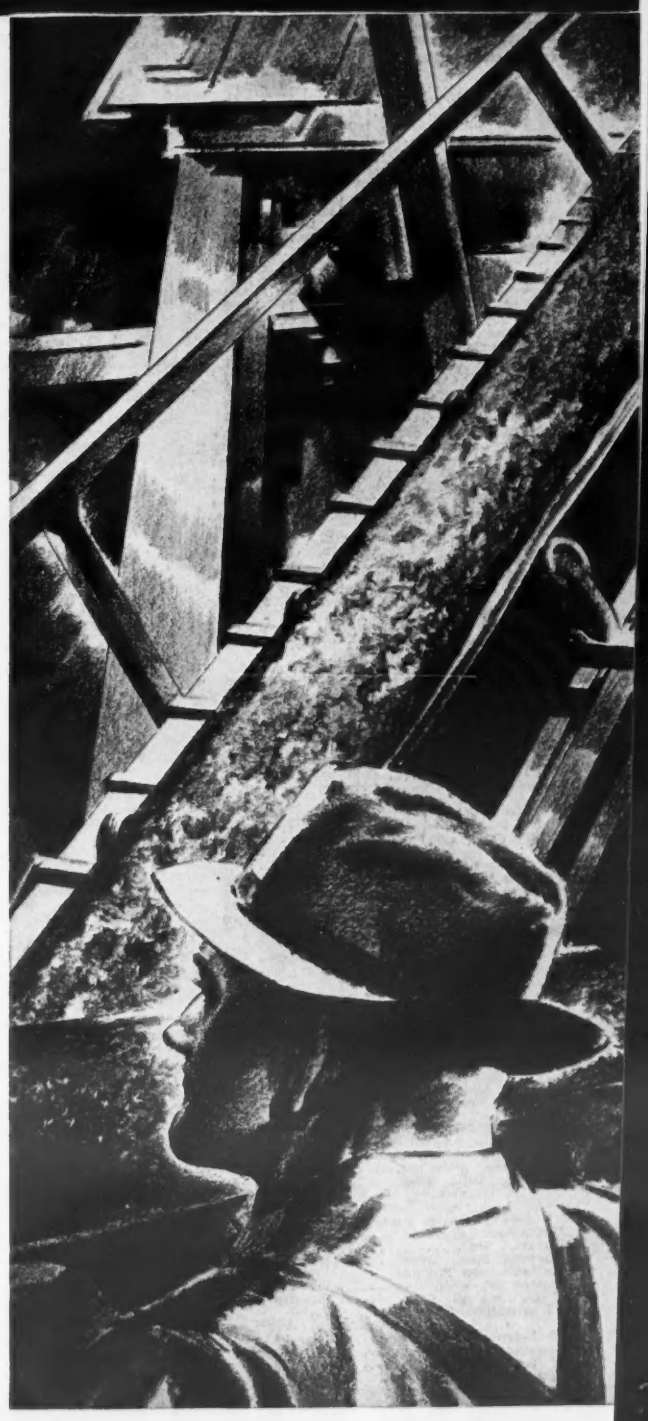
Ammonia, sulphide, liquid, 35-45%, basis 100%, dms., works, lb.	.12	.13
tanks, delvd., lb.	.11	—
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works, lb.	.14	—
smaller lots, works, lb.	.16	—
pure, 99-100%, kgs., lb.	.55	—
Ammoniac, gum (see Gum, ammoniac).		
Sal, gray, dom., bbls., c.l., works, 100 lbs.	5.50	5.75
l.c.l., 100 lbs.	6.00	6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l., 100 lbs.	4.90	5.05
import, csks., 100 lbs.	4.90	5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd., lb.	.10½	—
l.c.l., dlvd., lb.	.11	—
tanks, dlvd., lb.	.09½	—
cns., works, lb.	.15	.17
ex pentane, dms., frt. alld., lb.	.11	—
l.c.l., frt., alld., lb.	.12	—
tanks, frt., alld., lb.	.10	—
Alcohol (see Alcohol amyl).		
Butyrate, dms., 50 gal., returnable, lb.	.75	—
Caproate, cns., lb.	2.75	—
Chloride, normal, dms., works, lb.	.56	—
small lots, works, lb.	.66	—
mixed, tech., dms., c.l., works, lb.	.07	—
l.c.l., works, lb.	.077	—
tanks, works, lb.	.06	—
Cinnamic aldehyde, cns., lb.	2.00	2.25
Nitrite, bots., lb.	1.20	1.25
Mercaptan, dms., l.c.l., works, lb.	1.10	—
Oleate, dms., l.c.l., works, lb.	.25	—
Salicylate, bots., 5 lbs., lb.	.61	—
cns., 25 lbs., lb.	.51	—
Stearate, dms., l.c.l., works, lb.	.26	—
Amylene, dms., c.l., works, lb.	.102	—
l.c.l., works, lb.	.11	—
tanks, works, lb.	.09	—
Anethol, bots., lb.	1.00	1.05
Angelica root, dom., bls., lb.	.18	.20
import, natural, bls., lb.	.20	.22
twisted, bls., lb.	.30	.40
Angostura bark, bls., lb.	.30	.31
Anilin oil, dms., c.l., lb.	.15	—
l.c.l., lb.	.16	—
tanks, lb.	.14½	—
Salt, dms., works, lb.	.22	.24
Anise, Spanish, bgs., lb.	.16	.16½
Star, bgs., lb.	.15	.16
Anisic aldehyde, bots., lb.	3.00	3.10
Annatto paste, bxs., lb.	.34	.39
seed, bgs, lb.	.07½	.08
Anthracene, 80-85%, wks., lb.	.40	—
Anthraquinone, 99.5%, subl., bbls., lb.	.65	—
Antimony butter (see Antimony chloride)		
Chloride, solut., cbys., lb.	.17	—
Metal, spot, lb.	.11¼	—
Needle, powd., ton lots, bulk, lb.	.12¼	—
bbls., lb.	.13½	—
Oxide, bbls., c.l., lb.	.11½	—
l.c.l., lb.	.12¼	—
Salts, 65%, kgs., lb.	.26	.27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c., lb.	.11½	.14¼
Antipyrene, bbls., kgs., ton lots, lb.	2.00	—
smaller lots, lb.	2.10	2.15
Apomorphine, bots., os.	23.20	25.70
Archil extract, con., bbls., lb.	.21	.27
double, bbls., lb.	.18	.20
triple, bbls., lb.	.16	.20
Areca nuts, powd., bbls., lb.	.11	.13

LET CHEMICALS HELP

CARRY YOUR PROFITS UP

PROFITS are not merely a matter of sales but of production economies, too. Chemicals are providing many of the ways to obtain these economies. The most progressive manufacturers in almost every field are making savings and increasing profits while at the same time maintaining, and often raising, the quality of their goods — through chemicals.

Research frequently reveals that chemicals or new chemical methods successful in one industry are readily applicable to others. Cyanamid's wetting agents, for example, developed in the textile industry, are now being adopted by other industries for a great variety of purposes. Cyanamid provides both research and technical cooperation in helping manufacturers adapt such products to new uses



Arecoline hydrobromide, bots..oz. 4.25 - 4.50
Argols, test 70% to 95%, basis 100%, 100 kgm., purity, 100 kilos.32.00 -34.00
Arnica flowers, bls.....lb. .30 - .31
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .06 - .06½
bbls. .....lb. .06¼- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. .15¾- .16½
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs.....lb. .23 - .24
powd., bbls., bxs.....lb. .37 - .38
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (20 tons), Canad. mines..ton.20.00 - —
7D, bgs., c.l. (20 tons), Canad. mines..ton.25.00 - —
7F, bgs., c.l. (20 tons), Canad. mines..ton.23.00 - —
7H, bgs., c.l. (20 tons), Canad. mines..ton.19.00 - —
7K, bgs., c.l. (20 tons), Canad. mines..ton.16.50 - —
7M, bgs., c.l. (20 tons), Canad. mines..ton.14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02¼- —
smaller lots, f.o.b. N. Y.lb. .03¼- —
Asphaltum, AA, bgs., 20 tons, f.o.b. N.Y..lb. .03½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton.20.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.51.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.95
cns. .....oz. 2.75 - 2.80

B

Balm of Gilead buds, bgs.....lb. .25 - .28
Barberry bark, bgs.....lb. .19 - .20
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton.41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton.43.00 -45.00
precip., bgs., c.l., works..ton.52.50 - —
bbls., works.....ton.57.50 - —
l.c.l., bgs., works.....ton.57.50 - —
bbls., works.....ton.62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms. .....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis. ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton.81.00 - —
bbls., same basis..ton.83.00 - —

— cooperation of the type that is increasingly helpful in carrying profits upward in the industries it serves.

In the columns below are but a few typical products that illustrate the nature and extent of Cyanamid service.

TETRA SODIUM PYRO PHOSPHATE, ANHYDROUS is rapidly increasing in use as a detergent aid to improving the effectiveness of soap and other products used in industry and the home for cleaning purposes. Its remarkable efficiency is due not only to its powerful emulsifying effect on dirt but also to its softening value in water. Besides its use as a soap builder it is proving highly effective in dish washing compounds, dairy cleaning, metal cleaning, in textile operations and as a cleaner for painted surfaces. Cyanamid is prepared to meet the growing demand with Tetra Sodium Pyro Phosphate of the most uniform high quality.

FOR THE TEXTILE INDUSTRY: CYANAMID DRY WARP SIZE is a highly concentrated product that contains no diluents or adulterants. Practically 100% of its ingredients are active and useful in the size mixture. For these reasons it is easy to use and produces a stronger, more flexible warp which splits easily at the lease rods. Weaving efficiency is increased and shedding at the loom is eliminated. It contains no chemicals that have a harmful effect on the cloth and is quickly removed during kier boiling. Furthermore, being moisture-free, it can be shipped at lower freight charges. Test samples are available on request.

AERO AC 50, one of the latest developments of the Cyanamid laboratories, is an accelerated activator of the delayed action type for rubber compounding. It is an amorphous powder with a specific gravity of 1.28 and a softening point range between 76 and 82° C. As a result of this low softening point, AERO AC 50 fluxes into rubber easily and assures good dispersion. It shows little or no action at the ordinary processing temperatures but strongly activates the thiazole accelerators at curing temperatures, thus facilitating the production of high modulus stocks without the danger of scorching. It is recommended for use in tires, heels, soles, footwear, mechanical rubber goods and in all rubber products where a delayed action activator is desired.

DEPILIN is a new unhairing agent developed recently by Cyanamid for use in the tanning industry. The development of this new product is in line with our policy of adding constantly to the list of specialties we have made available for tanners' use. Detailed information on Depilin, or a demonstration of its properties, will be furnished on request.

DICYANDIAMID ($NH_2C(NH)NHCN$): An organic compound containing more than 66% Nitrogen. Of interest in chemical synthesis. Now available in commercial quantities at lower cost. Samples and information on request.

***HIB ACID** (Alpha Hydroxy Iso-Butyric Acid—$(CH_3)_2C(OH)COOH$): Similar to Lactic Acid in its reactions but available in commercially pure anhydrous form. Soluble in water, alcohol, ether and hot benzol but insoluble in cold benzol. Forms many interesting salts and can be esterified with many alcohols. Samples and further information on request.

Watch this column monthly for the announcement of other interesting Cyanamid developments. Technical information on these and other Cyanamid products is available on request.

*Trade-mark of the American Cyanamid & Chemical Corporation

American Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

Arecoline—Black, Bone

Barium, chloride, tech., Zone 2, bbls., l.c.l., bgs., same basis..ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
bbls., l.c.l., same basis, ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .12½
Fluosilicate, bbls.....lb. .11½- .12½
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05¼
Iodide, bots.....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks.....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.85 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis, ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City .....ton.30.93 - —
Los Angeles .....ton.42.00 - —
New York .....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.50 - —
southern off color, bulk, mines. ton.12.00 - —
95.75%, bulk, mines....ton.16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a..ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71¼- .72
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .13 - .17
Root, bls. .....lb. .12 - .14
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
tankcars, W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans. lb. .94 - —
dms. .....lb. .89 - —
Benzyl chloride, 95.97%, refd., dms..lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 3.00
Berberine bisulphate, cns.....lb.16.75 - —
Hydrochloride, cns. .....lb.16.75 - —
Sulphate, cns. .....lb.16.75 - —
Berberis root, bls.....lb. .14 - .15
Betanaphthol, sublm., bbls.....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .19 - .20
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.30 - —
fib., dms.....lb. 1.13 - 1.16
Bismuth subcarbonate, bots., cns. lb. 1.62 - 1.68
fib. dms.....lb. 1.53 - 1.56
X-ray, 5-lb. bots.....lb. 2.43 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.93
fib. dms.....lb. 1.58 - 1.61
Subiodide, cns.....lb. 3.91 - —
fib., dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns. lb. 1.42 - 1.68
fib. dms.....lb. 1.38 - 1.36
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots....lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12½- —
2, bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —

Black, Bone—China Clay

Black, bone, 4, bbls., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E...lb. .07¼- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E...lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8, bbls., bgs., c.l., frt. alld. E...lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l. dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd. .....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.

Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .50 - .55
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .19 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y..lb. .06 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .06½- —

Black dyes are listed under dyes.
Black haw, root bark, bls....lb. .23 - .26
Tree bark, bls.....lb. .14 - .15
Black Indian hemp root, bls...lb. .16 - .19
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp 66⅔% bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.15 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.35 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 2.90 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .13 - .14
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Blue, Prussian, soluble, bbls., same basis alkali toner, contracts...lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls, same basis.....lb. .18 - —
3, bbls., same basis.....lb. .19 - —
4, bbls., same basis.....lb. .20 - —
5, bbls., same basis.....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis..lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls, same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —

Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.50 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.65 - —
6-15 bbls., same basis. 100 lbs. 4.75 - —
1-5 bbls., same basis..... 100 lbs. 5.00 - —
Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.00 - 9.25
l.c.l. dealers.....100 lbs.10.00 -10.25
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
c.i.f. Atlantic ports.....ton.28.50 - —
import, bgs., c.i.f., ports.ton.26.50 - —
meal, steamed, dom., 1% ammon. 50% phos., bgs., f.o.b. Chicago..ton.24.00 -26.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.21.50 - —
phosphate, precip., see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton.19.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.20.75 - —
Borage flowers, bls.....lb. .30 - .31
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.63.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.25 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .85 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
Group 2, bbls., same basis, lb. .11¼- —
3, bbls., same basis...lb. .10½- —
4, bbls., same basis...lb. .09¾- —
5, bbls., same basis...lb. .09¾- —
6, bbls., same basis...lb. .09¼- —
7, bbls., same basis...lb. .09 - —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works. lb. .02½- —
Italian, Group 1, bbls., f.o.b., N. Y. or works...lb. .12¼- —
Group 2, bbls., same basis, lb. .10¼- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09¼- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¼- —
ex car Los Angeles...lb. .04¼- —
ex dock, Portland, San Francisco, Seattle..lb. .04¼- —
ex whse., Boston....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .06¼- .06

Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .34 - .35
Buckthorn bark, true, bls.....lb. .05 - .05½
berries, bgs. .....lb. .17 - .18
Burdock root, bls. .....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .03¼- .03¾
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt.alld..lb. .10 - —
tanks, contract, frt. alld..lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms. .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms. .....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.90
cns., works .....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.61 —
single jars.....lb. 1.66 - —
5-lb. bots.....lb. 1.80 - —
Iodide, 5-lb. bots.....lb. 4.01 - —
25-lb. cns.....lb. 3.87 - —
Lithopone (see Yellow)
Metal, cs.....lb. .85 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more.lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .40 - .41
peeled, bls.....lb. .12 - .14
Calcium acetate, bgs.,dlvd.100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06¼- .06¾
Southern cotton states, bgs., lb. .06½- .07

Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-80%, bgs., dms., c.l., dlvd..ton.22.00 -25.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.25
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -23.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .55 - .56
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 8.65 - 8.90
Lactate, U.S.P..bbls., 200 lbs.lb. .22 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls.....lb. .23 - .25
Phosphate, dibasic, precip., 58-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt..unit-ton. .78 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 75%, CaS, works, bulk, c.l., 25-mesh..ton.42.50 - —
bags, bulk, c.l., works..ton.45.00 - —
l.c.l., works .....ton.47.50 -50.00
75%, CaS, works, bulk, c.l., 50-mesh..ton.43.50 - —
bags, bulk, c.l., works..ton.46.00 - —
l.c.l., works .....ton.48.50 -51.00
80%, CaS, works, bulk, c.l., 25-mesh..ton.47.50 - —
bags, bulk, c.l., works...ton.50.00 - —
l.c.l., works .....ton.52.50 -55.00
80%, CaS, works, bulk, c.l., 50-mesh..ton.48.50 - —
bags, bulk, c.l., works...ton.51.00 - —
l.c.l., works .....ton.53.50 -56.00
luminous, dom., tins, works, 100 lbs..lb. .85 - —
Sulphocarbolate,bbls.,200 lbs.lb. .45 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .30 - .35
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.36 - —
Camphor, natural, powd., cs...lb. .52 - .52½
slabs, cs.....lb. .52 - .52½
tablets, tins .....lb. .57 - .57¼
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots lb. .46 - —
1,000-lb. lots.....lb. .47 - —
500-lb. lots.....lb. .48 - —
100-lb. lots.....lb. .49 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs..lb. .0390- .0410
Morocco, bgs.....lb. .0430- .0460
Turkish, bgs.....lb. .04¼ .04⅝
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .92 - .93
powd., bxs. .....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .09 - .09½
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07¼
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R., and incl. Ia., Ky., Minn., Mo., N. C., Tenn., Va...lb. .05 - —
l.c.l., same basis.....lb. .05½- —
10-gal. dms., c.l. (20 tons), same basis..lb. .06¾- .07¼
l.c.l., same basis.....lb. .07¾- .08¼
5-gal. dms., c.l. (20 tons), same basis..lb. .06¾- .07¼
l.c.l., same basis.....lb. .07¾- .08¼
tanks, same basis.....lb. .04¾- —
Fire extinguisher liquid, 1½c. lb. higher.

Carbon tetrachloride prices are ½c. per lb. higher frt. alld. in S.E. and Central States; 1c. per lb. higher frt. alld. in Rocky Mts. and S. W. States; prices in Pacific Coast States are 1½c. per lb. higher, f.o.b. Coast shipping points.

Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs.....lb. .60 - .63
green, bgs.....lb. .51 - .52
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .11 - .12
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .08 - .08½
5 tons, works.....lb. .10 - —
smaller lots, works....lb. .11 - —
80-100 mesh, bgs., c.l., dlvd., lb. .08½- .09
5 tons, works.....lb. .10½- —
smaller lots, works....lb. .11½- —
import, Argent., 20-30 mesh, bgs., c.l., duty paid.lb. .09½- —
80-100 mesh, bgs., c.l., duty paid..lb. .10 - —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .15 - .15½
broken, bls.....lb. .09½- .10
shortstick, bls.....lb. .11½- .11¾
China, rolls, select, bls.....lb. .08¼- .08½
broken, extra, bls.....lb. .08½- .08¾
Saigon, bls.....lb. .14½- .15
Cassia, buds, cs.....lb. .15 - .16
Cassia fistula, bskts.....lb. .08 - .09
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.20.00 - —
Catnep leaves, bls.....lb. .17 - .18
Celery seed, French, bgs.....lb. .13¼- .13½
Indian, bgs.....lb. .11¼- .11¾
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs. frt. alld..lb. .36 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Triacetate, frt. alld.....lb. .42 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .21 - .26
Roman, bls.....lb. .28 - .32
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.28.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01⅝- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 350 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila...ton.22.00 -25.00
powd., csks., l.c.l., ex dock. ton.35.00 - —
ex whse. .....ton.37.50 - —

Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs. lb. .86 - .95
100 lbs. lb. .88 - .97
25 lbs. lb. .90 - .99
1-10 lbs. lb. .95 - 1.02
dms., 1,000 lbs. lb. .80 - —
500 lbs. lb. .83 - —
100 lbs. lb. .85 - —
Chlorinated rubber, bgs., c.l. (30,000 lbs. min.) works lb. .35 - —
2,000 lbs., works lb. .37 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y. lb. .05½- —
contracts, dlvd., N.Y. lb. .05½- —
l.c.l., dlvd., N.Y. lb. .07½- —
tanks, single unit, works, frt. equaled..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald., 100 lbs. 2.30 - —
2, works, frt. equaled.100 lbs. 2.55 - —
1, works, frt. equald..100 lbs. 3.00 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
400-lb. dms. lb. .22 - —
50-lb. dms. lb. .28 - —
USP, 650-lb. dms. lb. .30 - —
100-lb dms. lb. .32 - —
50-lb. dms. lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .85 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .12 - —
smaller pkgs., works.... lb. .17 - —
solut., 8% cs. bbls. lb. .06 - .08
Chrome, cake, bulk, c.l., works, ton. 15.00 -16.00
Chrome green (see Green, chrome).
Oxide (see Green, chrome oxide).
Sulphate, pearls, dms..100 lbs. lb. .40 - —
powd., dms., 100 lbs. lb. .45 - —
scales, dms., 100 lbs. lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns. lb. 2.25 - 2.30
Cinchona bark, chips, bgs. lb. .18 - .19
high test, bgs. lb. .57 - .58
quills, broken, bgs. lb. .17 - .18
long, cs. lb. .45 - .50
short, bgs. lb. .40 - .45
Ecuador, tubes. lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .53 - —
large, cns. 100 ozs. .57 - —
powd., cns. 100 ozs..oz. .58 - —
powd., cns. 100 ozs..oz. .60 - —
Sulphate, N.F., cns. 100 ozs..oz. .54 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb. lb. 3.27 - —
dms., 100 lbs. lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys. lb. .85 - .90
Cinnamon, Ceylon, 2 bls. lb. .15 - .15½
3, bls. lb. .14½- .15
Citral, bots., cns. lb. 1.40 - 3.10
Citrine ointment, jars, tubes. lb. .75 - —
Citronellal, bots., dms. lb. .75 - .80
Citronellol, bots., dms. lb. 1.60 - 1.65
Clove, Madagascar, bls. lb. .16 - .16½
Zanzibar, bls. lb. .18 - .18½
Clover tops, bgs. lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works. bbl. 8.25 - 8.50
tanks, works. gal. .07½- .09
Coaltar, refd., bbls., c.l., works, bbl. 8.00- 8.25
l.c.l., works bbl. 8.75 - 9.00
tanks, works gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works dm. 8.25 - —
refd., dms., c.l., works dm. 8.00 - —
l.c.l., works dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .65 - .67
Carbonate, tech., bbls.. dlvd.lb. 1.63 - —
Chloride, dms., works lb. 1.03 - 1.18
Hydrate, bbls. lb. 1.78 - —
Linoleate, paste, 6%, dms. lb. .31 - —
solid, 8½%, bbls. lb. .33 - —
Oleate, bbls. lb. .25 Nom.
Oxide, black, kgs. lb. 1.67 - —
Resinate, fused, A, bbls. lb. .13½- —
1%, bbls. lb. .13 - —
2%, bbls. lb. .14 - —
3½%, bbls. lb. .17½- —
precip., dms., dlvd. lb. .34 - —
Sulphate, dms. lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs. lb. .35 - .38
Teneriffe, silver, bgs. lb. .36 - .39
Cocillana bark, bgs. lb. .15 - .16
Cocoa butter, lump, bgs., c.l..lb. .11¾- .12
Codeine, cns., 100 ozs. oz. 11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.50 - —
Phosphate, cns., 100 ozs. oz. 9.00 - —
Sulphate, cns., 100 ozs. oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls. lb. .08 - .09
Blue, root, bls. lb. .07 - .07½
Colchicine, bots., 4 ozs. oz. 20.00 - —
single ozs. oz. 21.00 - —
Colchicum seed, bgs. lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs. lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs. lb. .18 - —
Colocynth pulp, bls. lb. .25 - .29
Colombo root, bls. lb. .09 - .10
Coltsfoot leaves, bgs. lb. .08 - .09
Condurango bark, bgs. lb. .08 - .09
Conium leaves, bls. lb. .17 - .18
Copaiba balsam, Para, cns. lb. .22½- .23
S.A., USP, cns. lb. .23½- .24
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls. lb. .14½- .15½
20%, bbls. lb. .10½- .11½
Chloride, cryst., bbls. lb. .13 - .14
Cyanide, tech., bbls. lb. .34 - —
Iodide, bots. lb. 4.97 - 5.02
Metal, electrolytic. lb. .11¼- —
Nitrate, cryst., bbls. lb. .1660- .1740
Oleate, precip., bbls. lb. .20 - —
Oxide, black, bbls., tons, works, lb. .16¾- .17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y. lb. .16¾- .17¾
Resinate, precip., bbls. lb. .15 - .16
Stearate, precip., bbls. lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton. 17.00 - —
bbls., c.l., works. ton. 19.00 - —
bbls., l.c.l., 25 or over, works..100 lbs. 1.45 - —
5-24, works. 100 lbs. 1.55 - —
1-4, works. 100 lbs. 2.00 - —
bulk, c.l., works. ton. 14.00 - —
Copra, Coast, shipt. lb. .0170 Nom.
Coriander seed, Morocco, bgs..lb. .0435- .0460
bleached, bgs. lb. .07¾- .08
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.05 - 3.13
ex whse. 100 lbs. 3.15 - 3.23
Syrup, 42°, bbls., c.l. 100 lbs. 3.12 - —
43°, bbls., c.l. 100 lbs. 3.17 - —
Cornsilk, bls. lb. .06 - .07

Corrosive sublimate, cryst., dms., 50 lbs., or more..lb. 1.20 - —
gran., powd., dms., 50 lbs. or more..lb. 1.05 - —
Cottonroot bark, bls. lb. .11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns. lb. 2.85 - 3.10
1-lb. cns. lb. 3.00 - 3.25
1-oz. cns. lb. 3.35 - 3.60
less than 5 lbs., cns. lb. 4.15 - 4.65
Cramp, bark, genuine, bls. lb. .20 - .22
so-called, bls. lb. .07 - .08
Cranesbill root, bls. lb. .14 - .15
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .32½- —
smaller lots, bbls. lb. .33¼- —
kgs. lb. .33¾- —
Creosote, beechwood, bots. lb. .70 - .75
Hardwood, USP, bots. lb. .45 - .47
Pine, dms. gal. .28 - —
Carbonate, bots., cbys. lb. 1.40 - 1.75
Oil, crude, tanks, works. gal. .13½- .14½
Coaltar solution, tanks, works, gal. .123 - .133
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works. gal. .18 - .18½
Cresol, USP, dms., c.l., works. lb. .10 - —
l.c.l., same basis. .10½- —
special resin grade, dms. c.l. works..lb. .09 - —
l.c.l., same basis. lb. .09½- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .25 - .26
2,000 lbs. to 10,000 lbs..lb. .26 - .27
1,000 lbs. to 2,000 lbs..lb. .27 - .28
200 lbs. to 1,000 lbs. lb. .29 - .30
4% rotenone prices are 4c. per lb. less.
Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs. lb. .28 - .30
powd., cs. lb. .30 - .31
Culver's root, bls. lb. .16 - .17
Cumin seed, Algerian, bgs. lb. .08¼- .08⅝
Morocco, bgs. lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04½- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms. lb. .09¾- —
75%, gran., dms. lb. .15 - —

D

Damiana leaves, bls. lb. .14 - .15
Dandelion root, German, bls. lb. .13 - .14
Deertongue leaves, bls. lb. .10 - .11
Degras, common, dom., bbls. lb. .07¾- .08¼
English, bbls. lb. .07¾- .08¼
neutral, dom., bbls. lb. .11 - .15
English, bbls. lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .34 - .35
2,000 lbs., to 10,000 lbs..lb. .35 - .39
1,000 lbs. to 2,000 lbs. lb. .36 - .40
200 lbs. to 1,000 lbs..lb. .38 - .42
4% rotenone prices are 6c. per lb. less
Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, resinate, 75% rotenone, cns..lb. 10.00 -11.00
30% rotenone, cns. lb. 5.50 - 6.50
25% rotenone, bulk, cns. lb. 5.60 - 6.00
15% rotenone, bulk, cns..lb. 2.10 - 4.35
Devil's club, root bark. lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago...100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.85 - —
Corn, canary, bgs., c.l., f.o.b., Chicago..100 lbs. 3.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.60 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.55 - —
Potato, import, bgs. lb. .07¼- .08
Diacetone (see under Alcohol).
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works. lb. .092 - —
tanks, works. lb. .075 - —
Oxalate, dms.. l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd. lb. .19½- —
tanks, dlvd. lb. .18 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works. lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works. lb. .102 - —
tanks, works. lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l. lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton. 22.00 -85.00
l.c.l., ex whse. ton. 45.00 -150.00
Import, bgs., c.l., c.l.f. ton. 30.00 - —
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. lb. .52 - —
Dibutyl ether (see Ether, butyl).
Dibutyl phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd. lb. .19½- —
tanks, dlvd. lb. .18 - —
cns., works. lb. .23½- .25½
Sebacate, dms., wks. lb. .45 - —
Tartrate, dom., dms. lb. .45 - .54
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works lb. .16 - —
tanks, works lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l. lb. .04 - —
tanks lb. .025 - —
Diethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., works lb. .25 - —
tanks, works lb. .23 - —

Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms. lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. lb. .19¼- —
tanks lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works lb. .14 - —
tanks lb. .12 - —
Diethylanilin, dms. lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Diethylene glycol monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works lb. .16 - —
tanks, works lb. .14 - —
Digitalis leaves, dms. lb. .38 - .39
Diglycol laurate. lb. .23 - —
Diglycol oleate, light, bbls. lb. .21 - —
Diglycol stearate. lb. .25 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs. lb. .09 - .09½
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd. lb. .19 - —
tanks, dlvd. lb. .17½- —
Dimethylamine, dms., c.l., dlvd. lb. 1.00 - —
l.c.l., dlvd. lb. 1.05 - —
Dimethylanilin, dms., c.l. lb. .26 - —
l.c.l., dms. lb. .27 - —
Dimethylethyl carbinol (see Carbofinol).
Dinitrobenzene, bbls, 89° min., lb. .13 - —
Dinitrochlorobenzene, dms. lb. .14 - —
Dinitronaphthalene, kgs. lb. .35 - .38
Dinitrophenol, bbls. lb. .22 - —
Dinitrotoluene, dms. lb. .18½- —
oily, dms. lb. .09 - —
Diorthotoluolguanidine, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd. lb. .46 - —
150-450 lbs., dlvd. lb. .47 - —
Dioxan, dms., c.l., frt. alld. lb. .20 - —
l.c.l., same basis. lb. .21 - —
tanks, same basis. lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. gal. .47 - .50
tanks gal. .41 - —
Diphenyl, bbls., c.l., works. lb. .15 - —
l.c.l., works. lb. .16 - .20
Oxide, perfume grade, cns. lb. .50 - .55
Diphenylamine, bbls. lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd. lb. .36 - —
150-450 lbs., dlvd. lb. .37 - —
Diphenylmethane, bots. lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls. lb. .05¾- .06¾
Doggrass root, cut, bls. lb. .11 - .12
Dogwood, bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns. lb. 2.75 - 2.80
Dragon's blood, mass, cs. lb. .65 - .85
reeds, thin, cs. lb. .80 - .85
Duboisine sulphate, vis. oz. 34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans..lb. 13.50- —
1180 Sodium indigo disulphonate, cns..lb. 13.50- —
Green:—
Fastgreen FCF, cns. lb. 27.50- —
666 Guinea green B., cns. lb. 13.50- —
670 Light green SF, yellowish, cns..lb. 17.50- —
Red:—
184 Amaranth, cns. lb. 3.15- —
773 Erythrosin, cns. lb. 17.50- —
80 Ponceau 3R, cns. lb. 6.00- —
Ponceau 3X, cns. lb. 5.75- —
Orange:—
150 Orange I, cns. lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns..lb. 3.50- —
Sunset yellow FCF, cns. lb. 3.15- —
640 Tartrasin, cns. lb. 3.15- —
23 Yellow AB, cns. lb. 2.65- —
61 Yellow OB, cns. lb. 2.65- —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G. lb. .65 - .70
40 Chrome yellow R. lb. .50 - 1.00
58 Victoria violet. lb. .50 - 1.00
165 Lake red C. lb. .95 - 1.00
170 Fast red A. lb. .60 - .75
180 Fast red VR. lb. 1.50 - 1.65
189 Lake red R, paste. lb. .85 - .90
189 Lake red R, powdered. lb. 2.00 - 3.10
202 Chrome blue black U. lb. .32 - .40
204 Chrome black A. lb. 1.75 - 2.00
208 Fast red blue R. lb. .75 - 2.00
216 Chrome red B. lb. 1.75 - 2.00
262 Cloth red 2B. lb. .60 - .80
289 Fast cyanin 5R. lb. .90 - 1.00
299 Chrome black F. lb. .60 - .65
307 Fast cyanin black B. lb. .80 - .85
326 Direct cast scarlet. lb. 2.00 - 2.25
304 Paper yellow. lb. .85 - .90
365 Chrysophenin G. lb. .58 - .70
394 Direct violet N. lb. 1.25 - 1.50
382 Direct scarlet B. lb. 1.50 - 1.75
387 Direct violet B. lb. 1.00 - 1.30
401 Developed black BHN. lb. .50 - .75
406 Direct blue 2B. lb. .25 - .30
415 Direct orange R. lb. .60 - .70
419 Direct fast red F. lb. .75 - .85
420 Direct brown M. lb. 1.00 - 1.10
442 Benzo purpurin 4B. lb. .40 - .42½
495 Benzo purpurin 10B. lb. .40 - .50
502 Direct azurin G. lb. .75 - .80
512 Direct blue RD. lb. .80 - 1.00
518 Direct pure blue 6B. lb. 1.10 - 1.25
520 Direct pure blue. lb. .50 - 1.00
529 Direct fast, black, FF. lb. .55 - 1.00
581 Direct black EW. lb. .25 - .50
582 Direct black RX. lb. .35 - .45
593 Direct green B. lb. .75 - .80
594 Direct green G. lb. 1.00 - 1.05
596 Direct brown 3GO. lb. .35 - 1.00
620 Direct yellow R. lb. 1.25 - 1.50
698 Acid violet. lb. 1.00 - 3.00
812 Primulin lb. .50 - .52
814 Direct fast yellow. lb. 2.00 - 2.25
845 Nigrosin(water soluble). lb. .35 - .50
1177 Indigo, 20 p. c. paste. lb. .15 - .18
Benzo fast black L. lb. .90 - 1.00
Sulphur black. lb. .20 - .25
Sulphur blue. lb. .40 - 1.00
Sulphur brown. lb. .25 - .50
Sulphur maroon. lb. .40 - —
Sulphur olive. lb. .25 - .54
Sulphur tan. lb. .30 - .50
Sulphur yellow. lb. .30 - .50
Zambesi black. lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb. 15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
720 Victoria blue. lb. .75 - —

Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Browns:—
Brown lb. 1.35 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green lb. .75 - —
Orange:—
24 Sudan I. lb. .70 - —
Orange, red shade..lb. .75 - —
Red:—
73 Sudan II. lb. 1.05 - —
258 Sudan IV. lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
880 Oil violet. lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB. lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin. lb. .40 - —
Blue:—
729 Victoria blue. lb. 2.55 - —
860 Indulin. lb. .70 - —
Brown:—
581 Bismarck brown. lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G. lb. .95 - —
21 Chrysoidin R. lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B. lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine lb. 2.00 - —
800 Chinolin yellow SS. lb. 2.00 - —
Violet:—
680 Methyl violet lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin lb. .36 - —
873 Methylene gray. lb. 1.50 - —
Blue:—
714 Patent blue A. lb. 1.45 - —
729 Victoria blue B. lb. 2.00 - —
861 Indulin lb. .37 - —
900 New blue R. lb. 1.80 - —
922 Methylene blue. lb. 1.00 - —
1054 Alizarin saphirol B. lb. 1.90 - —
1180 Indigotin IA. lb. .85 - —
Brown:—
234 Resorcin brown Y. lb. .60 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G. lb. .53 - —
332 Bismarck brown R. lb. .37 - —
792 Phosphin lb. 4.65 - —
Green:—
5 Naphthol green B. lb. 1.00 - —
657 Malachite green. lb. 1.35 - —
662 Brilliant green. lb. 2.00 - —
666 Guinea green B. lb. 1.15 - —
737 Wool green S. lb. .58 - —
924 Methylene green B. lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.85 - —
Orange:—
10 Chrysoidin G. lb. .40 - —
21 Chrysoidin R. lb. .37 - —
27 Orange G. lb. .50 - —
151 Orange Y. lb. .30 - —
161 Orange R. lb. .34 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .43 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Popceau R. lb. .45 - —
88 Fast red B. lb. 1.05 - —
176 Fast red A. lb. .54 - —
179 Azorubin lb. .52 - —
188 Crocein scarlet 3BX. lb. .60 - —
185 Cochineal red A. lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein M. lb. .68 - —
677 Fuchsin lb. 2.10 - —
749 Rhodamine B. lb. 3.50 - —
752 Rhodamine 6G. lb. 4.50 - —
768 Eosin G. lb. 1.50 - —
841 Safranin lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B. lb. .75 - —
681 Crystal violet C. lb. 1.75 - —
696 Acid violet 4BN. lb. .88 - —
Dyes, coaltar, for stains (numbers are those of Colour Index scale)
Yellow:—
10 Naphthol yellow S. lb. .32 - —
138 Metanil yellow. lb. .53 - —
636 Fast light yellow. lb. 1.25 - —
639 Xylene light yellow. lb. 1.15 - —
640 Tartrazin lb. .80 - —
655 Auramine lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls. lb. .20 - .21
Egg albumen (see Albumen).
yolk, bbls. lb. .67 - .69
Elder flowers, bright, bls. lb. .21 - .23
Elecampane root, bls. lb. .10 - .11
Elm bark, grinding, bls. lb. .10 - .11
powd., bbls., bxs. lb. .20 - .21
select, bndls. lb. .25 - .26
Emetine hydrochloride, bots..oz. 13.50 -14.00
Ephedra, bls. lb. .11 - .12
Ephedrine, tins, 1,000 ozs. oz. 2.15 - —
tins, 100 ozs. oz. 2.25 - —
Hydrochloride, tins, 1,000 ozs. oz. 1.50 - —
tins, 100 ozs. oz. 1.60 - —
Sulphate, cryst., 1,000 ozs..oz. 1.50 - —
tins, 10 0ozs. oz. 1.60 - —
Epsom salt, tech., bgs. 100 lbs. 1.80 - —
bbls. 100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots. lb. 2.50 - —
bbls., c.l. lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - —
smaller lots. lb. 2.60 - —
kgs., c.l. lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots. lb. 2.85 - —
dried, dom., bgs., l.c.l. lb. .08 - .10
Ergot, USP, cs., dms. lb. 1.30 - 1.35
Eserine, bots. oz. 42.00 - —
Salicylate, bots. oz. 33.00 -34.00
Sulphate, bots. oz. 30.00 - —

Ether—Gypsum

Ether, acetic (see Ethyl acetate)
Butyl, dms., l.c.l., dlvd.....lb. .25 - —
cns. .....lb. .29 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs. lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85 p.c., dms., c.l., frt. alld..lb. .06¼- —
l.c.l., frt. alld.....lb. .07 - —
tanks, frt. alld.....lb. .06½- —
99%, dms., c.l., frt. all.....lb. .07¼- —
l.c.l., frt. alld.....lb. .07¾- —
tanks, frt. alld.....lb. .06¼- —
N. F., VI, 99%, dms., 400 lbs. lb. .08½- —
cns., 25 lbs.....lb. .13½- —
Acetate, USP, VIII, 90%, dms., 400 lbs..lb. .07¼- —
cns., 25 lbs.....lb. .12½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms. .....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .33 - —
5 and 10 gal. dms., dlvd...lb. .36 - —
Formate, cns., dms.....lb. .23 - .24
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works. lb. .88½- —
5-gal. dms., works.....lb. .97½- —
Oxalate, dms., frt. alld.....lb. .23 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb. .48 - —
contracts, frt. alld.....lb. .47 - —
100 lbs., frt. alld.....lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .06½
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .06½
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .22
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .18 - —
l.c.l., dms.....lb. .14 - —
tanks, works.....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks, works.....lb. .16 - —
Ethylidinanilin, dms.....lb. .45 - .47½
Ethylorthoparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .55 - .57
Eucalyptus leaves, bls.....lb. .08 - .09
bbls..lb. .55 - —
Ethylparatoluenesulphonamide.
Eugenol, bgs., cns.....lb. 1.70 - 2.15
Euphorbia, bls.....lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07¾- .08½
Indian, bgs. .....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs. .....lb. .12 - .13
Fenugreek seed, bgs.....lb. .03¾- .04¼
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .10 - —
smaller lots, works..lb. .11 - —
light, cs., 1,000 lbs. or over, works..lb. .11 - —
smaller lots, works..lb. .12 - —
water white, cs., 1,000 lbs., or over, works..lb. .12 - —
smaller lots, works...lb. .13 - —
Fir balsam, Canada, cns....gal.11.00 -11.50
Oregon, bbls.....gal. 1.05 - 1.10
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. No prices.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.50.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.50 & .50
sardine, meal, Japanese, 11¼% ammon., bgs., c.i.f. ports, shipt..ton.45.50 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Flaxseed, French, black, bgs..lb. .14 - .14½
Indian, blonde, bgs.....lb. .06¾- .07
Fluorspar, dom., No. 1 ground, bulk, 96-98%, f.o.b. mines, ton.31.50 - —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines..ton.19.00 -20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton.20.00 -21.00
Imported, 85% not over 5% duty paid..ton.26.50 -24.00
Formaldehyde, bbls., c.l., works, lb. .06¾- —
l.c.l., works.....lb. .08¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04¼- —
Fringetree bark, bls.....lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock..ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .12½- .14
Fustic extract, cryst., bbls....lb. .32 - .36
liquid, bbls.....lb. .06¼- .13
solid, dms.....lb. .17¼- .19¼

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .10 - .11
Gall extract, bbls.....lb. .22 - —
Gambier, common, cases.....lb. .06¾ Nom.
plantation, cases.....lb. .08¼- .09
Cubes, Singapore, cases....lb. .08½- .09
Extract, bbls.....lb. .06½- .09½
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06¼- —
65 octane and above, tanks, gal. .06¼- —
California, 54-58, tanks...gal. .06½- .06¾
Gulf Coast, U. S. Motor, bulk, gal. .04¾- .04⅝
60-62, 350 e.p., bulk, export, gal. .04¾- .04⅝
60-62, 400 e.p., bulk, export, gal. .04¾- .04¼
64-66, 375 e.p., bulk, export, gal. .04¾- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04¼- .04½
63-66 octane, tanks....gal. .04½- .04⅝
67-69 octane, tanks....gal. .04⅝- .05
70-72 octane, tanks....gal. .05¼- .05⅝
Oklahoma-Texas, US motor, 72 octane and below, tanks..gal. .04 - —
third grade, tanks..gal. .04 - —
63-68 octane, tanks....gal. .03⅞- —
67-69 octane, tanks....gal. .04¼- —
70-72 octane, tanks....gal. .04⅜- —
natural, 12-lb. v. p., tanks, gal. .03¼- .03½
14-lb. v.p., tanks.....gal. .03⅝- —
16-lb. v.p., tanks.....gal. .02⅝- .02⅞
22-lb. v.p., tanks.....gal. .02⅜- —
26-70 lb., v.p., tanks..gal. .03 - —
Pennsylvania, US motor, below 60 octane tanks.. gal. .05 - —
65 octane, tanks.....gal. .06½- —
52-56 450 e.p., naphtha, tanks..gal. .04¾- .05
Gelatin, silver, cs.....lb. .45 - .50
Gelsemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .07½- .08
grd., bbls., bxs.....lb. .09½- .10
powd., bbls., bxs.....lb. .10½- .11
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.60
Ginger root, African, bgs.....lb. .06½- .07
Cochin, lemon, bgs.....lb. .09¾- .09¾
Jamaica, bold, bgs.....lb. .15 - .15½
grinding, bright, bgs...lb. .10¾- .11
medium, bold, bgs.....lb. .11¾- .12
Japanese, bgs.....lb. .08½- .09
Ginseng fibers, cs. .....lb. 1.75 - 2.00
Root, cultivated, cs.....lb.10.00 -11.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.10
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
36/58, bgs., c.l., dlvd....lb. .11 - —
l.c.l., dlvd.....lb. .11¾- —
58/82, bgs., c.l., dlvd....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
82/108, bgs., c.l., dlvd...lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
hide, calcimine type, 58 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/104, bgs., c.l., same basis. lb. .16¼- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs, c.l., same basis. lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18¼- —
l.c.l., same basis.....lb. .19¼- —
88/251,bgs.,c.l.,same basis.lb. .19¼- —
l.c.l., same basis.....lb. .20¼- —
92/263,bgs.,c.l.,same basis.lb. .20¼- —
l.c.l., same basis.....lb. .21¼- —
102/315, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis, lb. .22 - —
l.c.l., same basis.....lb. .23 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .12¼- —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, dms., returnable, dlvd..lb. .08½- .08¾
soaplye, basis 80%, dms., returnable, dlvd..lb. .07½- .07⅝
Glycol boriborate, dms.....lb. .21 - —
Phthalate, dms.....lb. .39 - —
Stearate, dms. .....lb. .25 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots. .....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
U.S.P. IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs....lb. .12 - .12½
Goldenseal root, bls.....lb. 2.75 - 2.80
powd., bxs.....lb. 3.15 - 3.20
Grains of paradise, bgs.....lb. .45 - .48
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., amorph., 90% 325 mesh, 65% graphitic carbon bgs., c.l.,works..lb. .02½- —
65% graphitic carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .04½- .05
White, trcs.....lb. .05½- .05¾
Yellow, trcs.....lb. .04⅞- .05
Wool (see Adeps Lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
Green, chrome, c.p., 11-15%, bbls., same basis..lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Chrome, reduced, C.P., color content up 5%, same basis. lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Chrome oxide, dom., pure, bbls. lb. .22 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Chrome, tetrahydroxide, bbls.lb. .35 - —
Green, Paris (see P).
Tungstated, brilliant, kgs....lb. 2.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs. .....lb. .90 - 1.00
Wood, bls. .....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, fib. dms., 25 lbs...lb. 2.40 - 2.74
Guarana, powd., cs. .....lb. 1.05 - 1.10
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .09 - .09¼
white sorts, 1, bgs.....lb. .23 - .24
2, bgs.....lb. .21 - .22
white powd., bbls.....lb. .12½- .14
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .20 - .21
Camphor (see C).
Chicle, prime, 35% moisture, bgs., ton lots..lb. .38 - .39
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .26¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .17¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .18¼- —
5, pale, straw bold, bgs., c.l., same basis..lb. .14¼- —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale, straw bold, bgs., c.l., same basis..lb. .11¾- —
8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
9, medium light amber, bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07¼- —
12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .17¼- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05½- —
17, pale, fingers, bgs., c.l., same basis..lb. .14¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11½- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
21, ordinary selected nubs, c.l., same basis..lb. .06⅞- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .06¼- —
26, pale, bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis. lb. .05¼- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04¾- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .11¾- —
chips, bgs., c.l., same basis..lb. .05¾- —
dust., bgs., c.l., same basis..lb. .03¼- —
nubs, bgs., c.l., same basis..lb. .09¼- —
Gum, copal, East India, Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14½- —
chips, bgs., c.l., same basis, lb. .06½- —
dust, bgs.,c.l.,same basis.lb. .03¾- —
nubs, bgs., c.l., same basis, lb. .10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis..lb. .10½- —
B, bskts.,c.l.,same basis.lb. .10¼- —
C, bskts., c.l., same basis. lb. .09¾- —
CNE, bskts., c.l., same basis..lb. .06 - —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .06 - —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts.,c.l., same basis, lb. .05½- —
Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
Singapore, dust., bskts., c.l., same basis..lb. .05½- —
spirit-soluble, CBB, bskts., basis..lb. .08½- —
DBB, bskts., c.l., same basis..lb. .07⅞- —
MA, bskts., c.l., same basis, lb. .05⅞- —
MB, bskts., c.l., same basis. lb. .05⅝- —
WS, bskts., c.l., same basis, lb. .07⅞- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¼- —
chips, pale, bskts., c.l., same basis..lb. .08½- —
small, bskts., c.l., same basis lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10⅜- —
pale, scraped, bskts., c.l., same basis..lb. .11⅛- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis lb. .08¼- —
split, bgs., c.l., same basis, lb. .13½- —
nubs, bgs., c.l., same basis. lb. .11⅝- —
Dammar, Batavia, A, cs., c.l., same basis as copal.lb. .20 - —
A/D, cs., c.l., same basis.lb. .14½- —
A/E, cs., c.l., same basis.lb. .12¼- —
B, cs., c.l., same basis..lb. .18½- —
C, cs., c.l., same basis....lb. .14⅞- —
D, cs., c.l., same basis..lb. .13½- —
dust., cs., c.l., same basis.lb. .05⅝- —
E, cs., c.l., same basis...lb. .07⅝- —
F, cs., c.l., same basis...lb. .07⅛- —
Singapore 1, cs., c.l., same basis..lb. .15½- —
2, cs., c.l., same basis....lb. .11¼- —
3, cs., c.l., same basis....lb. .05¼- —
chips, cs., c.l., same basis.lb. .09¼- —
dust., cs., c.l., same basis, lb. .05¼- —
seeds, cs., c.l., same basis, lb. .07⅝- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single st.ipt., 10,000 lbs., lb. .06¼- .06½
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio,Mich.,Ind.,Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l. .....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l., lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs. .....lb. .22 - .23
Galbanum, cs. .....lb. .90 - .95
Gamboge, pipe, cs.....lb. .60 - .65
powd., bbls. .....lb. .65 - .70
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Gualac (see Gualac resin)
Karaya, bbls., bxs., dms....lb. .14½- .28
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .58 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., same basis, lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 Nom.
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .45 - .50
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs. .....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .19 - .20
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs. .....lb. .09½- .09½
Talha, bgs. .....lb. .07½- .08
Thus, bbls. .....280 lbs.14.00 -14.25
Tragacanth, Alleppo 1, cs....lb. 2.40 2.45
2, cs.....lb. 2.30 - 2.35
3, cs.....lb. 1.90 - 1.95
flake, bgs. .....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —

Gypsum, stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald..ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls.lb. .12 - .15
Helonias root bls.....lb. .55 - .60
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25% tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼- —
tanks, works.....lb. .02⅝- —
Hempseed, Manchur, bgs.....lb. .05¼- .05½
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .06½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11⅛- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09⅛- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13¼- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.50 - 2.65
Hops, N. F., bls.....lb. .17 - .27
Horehound, bls.....lb. .09 - .10
Hydrangea, root, bls.....lb. .09 - .10
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydroforamide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen perexide, USP, bbls.lb. .03⅝- .04
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 - 19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs.....lb. .18½- .20¼

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.62 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.80 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs..lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .85 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .19 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .13 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., divd....lb. .03 - —
l.c.l., divd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms .....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equld..lb. .05 - .06
kegs, works, frt. alld. or equld..lb. .07½- .08
liquor, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs.....lb. .08½- —
USP solut., cbys., works, frt. alld. or equld..lb. .06½- .07
djns.....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .39
bots.....lb. .52 - —
Nitrate, comi., kgs.....lb. .02⅝- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .33 - .36
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Iron, phosphate, ferrous, bbls., 200 lbs..lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, U.S.P., cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .45 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, Isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .061 - —
l.c.l., same terms.....lb. .066 - —
tanks, same terms.....lb. .051 - —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..gal. .40 - —
l.c.l.....gal. .55 - —
tanks.....gal. .25 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .04 - .05

K

Kamala, tins.....lb. .28 - .29
Kaolin (see China clay).
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .04¾- .05
Gulf ports, p.w., bulk, export, gal. .03⅝- —
w.w., bulk..gal. .04 - —
Louisiana-Arkansas, 41-43 w.w., bulk..gal. .04⅜- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04⅜
42-44 w.w., tanks.....gal. .04¼- .04⅜
Pennsylvania, 45 w.w., tanks, gal. .04⅜- .05
46 w.w., tanks.....gal. .04⅝- .05⅛
47 w.w., tanks.....gal. .05 - .05⅛
Kerosene, tankwagon:—
Atlanta.....gal. .12 - —
Boston.....gal. .08 - —
Chicago.....gal. .10 - —
Cincinnati.....gal. .13 - —
Denver.....gal. .11⅛- —
Louisville.....gal. .10 - —
Minneapolis.....gal. .104 - —
New Orleans.....gal. .11 - —
New York.....gal. .06⅝- —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 26-28% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 7.50 - 7.75
Middlewestern, trcs....100 lbs. 7.50 - 7.60
Neutral, trcs.....100 lbs. 8.25 - 8.50
Western, choice, trcs..100 lbs. 7.50 - 7.60
Compound, trcs.....100 lbs. 9.25 - 9.75
Larkspur seed, bgs.....lb. .32 - .35
Laurel berries, bls.....lb. .09 - .10
Leaves, Greek, bls.....lb. .03¾- .04¼
Lavender flowers, ordinary, bls.lb. .55 - .40
select, bls.....lb. .40 - .45
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .11 - —
l.c.l., bgs., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11¾- —
Lead arsenate prices are works or whse basis, frt. alld, to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., divd. E..lb. .06¼- —
divd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
l.c.l., divd., E.....lb. .06½- —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars.....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), divd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
other points.....lb. .07¼- —
l.c.l., 5 tons, divd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points.....lb. .07¾- —
Lead, red, dry, 95%, bbls., l.c.l., smaller lots, etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Ohio., etc.....lb. .08¾- —
other points.....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l. (20 tons), divd., Ala., etc., lb. .07¾- —
other points.....lb. .07½- —
l.c.l., 5 tons, divd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, divd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
98%, Pb_3O_4, bbls., c.l., (20 tons), divd., Ala., etc..lb. .08 - —
other points.....lb. .07¾- —
l.c.l., 5 tons, divd., Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, divd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
in oil, 95% min., 100-lb. kgs., lb. .12¼- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate)
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy., divd., lb. .11¼- —
smaller lots.....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., divd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., divd., Ariz., etc. lb. .07½- —
other points.....lb. .07¼- —
basic sulphate, bbls., c.l., divd., Ariz., etc..lb. .06½- —
other points.....lb. .06¼- —
l.c.l., divd., Ariz., etc. lb. .06⅝- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers..lb. .11¾- —
dealers.....lb. .09⅜- —
painters.....lb. .10⅜- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .55
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60
Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .06
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.50 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa....ton. 8.50 - —
Crab Orchard, Tenn..ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va..ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Oranda, Va.....ton. 7.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b., Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 9.00 - —
Farnams, Mass. ....ton. 9.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.00 - —
Keystone, Ala. .....ton. 9.00 - —
Knoxville, Tenn. ....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va..ton. 8.50 - —
Mitchell, Ind.....ton. 8.00 - —
Newala, Ala.....ton. 9.00 - —
Oranda, Va.....ton. 8.50 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
bgs., f.o.b., spray, paper, Bellefonte, Pa..ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnama, Mass.....ton.10.00 - —
Gibsonberg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Oranda, Va.....ton. 9.00 - —
Sciota, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium)

Gypsum—Magnesia

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .13 - —
solution, zone 1, dms., consumer. gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, divd., gal. .11½- —
30-50 dms.....gal. .14 - .16
Zone 4, tanks, dealers, wks., gal. .09 - —
dms., c.l. and l.c.l....gal. .13 - .14
Zone 5, tanks, dealers, divd., gal. .10½- —
c.l. and l.c.l.....gal. .13 - .14
Zone 6, tanks, dealers.....gal. .07¼- —
30-50 dms.....gal. .09 - .15
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.
Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .28 - .30
without leaves, bls.....lb. .17 - .18
Linseed cake, bgs., export....ton.31.00 - —
Meal, 34%, dom., bgs.....ton.42.00 - —
Litharge, com'l, powd., bbls., 20-tons divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .06½- —
divd., other points....lb. .06¼- —
5 tons, divd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06¾- —
smaller lots, divd., Ala., etc. lb. .07½- —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .07¾- —
other points.....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, divd., E. or ex whse, Pac. Cst.....lb. .05¾- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 20 tons, same basis..lb. .04¼- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls.....lb. .22 - .23
Lobelia herb, bls.....lb. .13 - .14
Seed, bgs.....lb. .40 - .45
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs.....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .45 - .50
Lupulin, N.E., tins.....lb. 1.25 - 1.50
Lycopodium, cs.....lb. .90 - .95

M

Mace, Banda, cs.....lb. .50 - .51
Batavia, cs.....lb. .37 - .38
Siauw, 1, cs.....lb. .46 - .47
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .30 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l.....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l.....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l.....lb. .09½- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l.....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l.....lb. .10¼- —
Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full frt alld, up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld. including divd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.
Chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .23 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt).

Magnesite—Oil, Gas

Magnesite, cal., dom., bgs....ton 56.00 - 60.00
import, bbls....ton 60.00 - 65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton 25.00 - —
Magnesium hydroxide, medicinal,
bbls., 200 lbs..lb. .26 - —
dms., 25 lbs....lb. .30 - —
kgs., 100 lbs....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots....lb. .55 - —
cns.,....lb. .75 - .80
Malva flowers, black, bls....lb. .35 - .45
blue, bls....lb. .35 - .45
Leaves, bls....lb. .11 - .12
Manaca root, bls....lb. .20 - .21
Mandrake root, bls....lb. .10 - .11
Manganese acetate, dms....lb. .26½- —
Arsenate, bgs....lb. .12 - .12½
Borate, tech., bbls....lb. .15 - .16
Carbonate, bbls....lb. .19 - —
Chloride, bbls....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%,
bbls., c.l., works..ton 59.00 - —
l.c.l., 5 tons, works..ton 62.00 - —
smaller lots, works..ton 67.00 - —
burlap bgs., c.l., works.ton 57.00 - —
l.c.l., 5 tons, works..ton 60.00 - —
smaller lots, works.ton 65.00 - —
paper bgs., c.l., works.ton 55.00 - —
l.c.l., 5 tons, works..ton 58.00 - —
84-87% bgs., 28-40 tons, wks.
ton 54.50 - —
5-15 tons, wks....ton 57.50 - —
½-4 tons, wks....ton 62.50 - —
500-900 lbs., wks....ton 72.50 - —
Glycerophosphate, bbls., kgs.,
1,000-lb. lots....lb. 2.01 - —
smaller lots....lb. 2.71 - —
cns., 25 lbs....lb. 2.85 - —
solut., dms., 1,000-lb. lots,
lb. .61 - —
smaller lots....lb. .71 - —
cns., 25 lbs....lb. .81 - —
Hydrate, bbls., dlvd....lb. .82 - —
Iodide, bots., 5 lbs....lb. 5.45 - —
jars, 25 lbs....lb. 5.50 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton 30.00 -32.00 Nom.
Resinate, fused, 8¼%, bbls..lb. .06½- .06½
precip., dms....lb. .12 - —
Sulphate, anhyd., bbls., works.
lb. .07 - .07½
cryst., 63% $MnSO_4$, bgs., c.l., dlvd. South..ton 48.75 - —
l.c.l., bgs....ton 55.75 - —
80-85%, bgs., c.l., works, frt. add. to S.F.A. territory,
unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .06½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton 23.00 - —
Manna flake, large, cs....lb. .45 - .46
small, cs....lb. .21 - .22
Mannitol, reagent, pure cryst.,
cs., works..lb. 1.15 - 1.20
commercial, cryst., bbl., ton lots..lb. .49 - —
smaller lots....lb. .62 - —
Marble flour, bgs....ton 12.00 -14.00
Marjoram, French, bbls....lb. .16 - .16½
Tunisan, bls....lb. .15 - .15½
Matico leaves, bls....lb. .23 - .24
Menthol, USP, natural, cs....lb. 3.10 - 3.20
synthetic, tech., cs....lb. 2.25 - —
USP, cs....lb. 3.00 - —
liquid, dms., 50 lbs....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs....lb. .77 - —
25 lbs....lb. .79 - —
50%, pails, 50 lbs....lb. 1.11 - —
25 lbs....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs....lb. 1.81 - —
fib., dms., 100 lbs....lb. 1.68 - —
jars, 25 lbs....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs., lb. 3.55 - —
cns., 25 lbs....lb. 3.60 - —
fib., dms., 100 lbs....lb. 3.60 - —
yellow, bots., 5 lbs....lb. 3.80 - —
cns., 25 lbs....lb. 3.65 - —
fib., dms., 100 lbs....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.31 - —
USP, fib. dms., 50 lbs. or more..lb. 1.83 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs....lb. 1.10 - 1.12
Mesityl oxide, cns., works....lb. .25½- .27½
dms., c.l., works....lb. .21 - —
l.c.l., works....lb. .21½- —
tanks, works....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3¾x3¾ in..pkg. 15.25 -15.75
3¾x3¾ in....pkg. 16.15 -17.50
4x4 in....pkg. 19.50 -20.00
3⅞x5⅛ in....pkg. 22.50 -28.00
3⅞x5⅛ in....pkg. 24.50 -25.00
Silver, 3¾x3¾ in....pkg. 2.75 - 2.85
Metanitroanilin, kgs....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs....lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .35 - —
97%, tanks....gal. .32 - —
95%, tanks....gal. .31 - —
Methyl acetone, tanks....gal. .25 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.

pure, synth, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld....gal. .41 - —
3, frt. alld....gal. .42 - —
4, frt. alld....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .50 - —
Zone 1, frt. alld....gal. .33 - —
2, frt. alld....gal. .35½- —
3, frt. alld....gal. .36½- —
4, frt. alld....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo. N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .08 - —
W. of Miss. R....lb. .09 - —
l.c.l., dms., dlvd. E. of Miss. R..lb. .08½- —
W. of Miss. R....lb. .09½- —
tanks, dlvd., E. of Miss R..lb. .07 - —
W. of Miss. R....lb. .08 - —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss. R....lb. .08½- —
l.c.l., dlvd. E. of Miss. R..lb. .08 - —
W. of Miss. R....lb. .09 - —
tanks, dlvd. E. of Miss. R., lb. .06½- —
W. of Miss. R....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .20½- —
Acetone, natural, tanks....gal. .25 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies....gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast....gal. .42 - —
Zone 4....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast....gal. .45 - —
4....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies....gal. .315 - —
2, ft. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast....gal. .35 - —
4....gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Nebr., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Aris., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Methyl alcohol, (see Methanol).
Anthranilate, bots....lb. 2.10 - 2.80
Benzoate, cns., 25 lbs....lb. .70 - 1.20
Bromide, cyl....lb. .60 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .33 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls....lb. 2.45 - 2.75
Formate, dms....lb. .25 - .30
Lactate, dms., l.c.l., dlvd..lb. .20 - —
Iodide, bots....lb. 5.68 - 5.83
Salicylate, dms....lb. .32 - .37
cns....lb. .37 - .40
Violet toner, bbls....lb. .28 - —
permanent, bbls....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms....lb. .12 - —
tanks, same terms....lb. .10½- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .23
Methylheptenone, bots....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb. 38.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
L.c.l., works....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 2.25 - 2.30
imp. bots....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l....lb. .16 - —
l.c.l....lb. .20 - —
tanks....lb. .15 - —
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms....lb. .06½- —
tanks, same terms....lb. .05 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis....ton. 11.00 - —
180 mesh, containers extra, c.l., same basis..ton. 11.00 - —
l.c.l., same basis....ton. 13.00 - —
250 mesh, containers, extra, c.l., same basis..ton. 18.00 - —
l.c.l., same basis....ton. 15.00 - —
325 mesh, containers, extra, c.l., same basis..ton. 18.00 - —
l.c.l., same basis....ton. 20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton. 30.00 - —
l.c.l., 5,000 lbs., works, ton. 40.00 - —
1,000 lbs., works....lb. .03 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works, ton. 29.00 - —
l.c.l., 5,000 lbs., works, ton. 30.00 - —
paint, bgs., extra and returnable, c.l., works, ton. 55.00 - —
l.c.l., 5,000 lbs., works, ton. 65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton. 35.00 - —
l.c.l., 5,000 lbs., works ton. 45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton. 29.00 - —
l.c.l., 5,000 lbs., works, ton. 30.00 - —
paint, bgs. extra and returnable, c.l., works..ton. 60.00 - —
l.c.l., 5,000 lbs., works, ton. 70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex-whse., or frt. alld. E..lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. all., E..lb. .04½- —
l.c.l., ex-whse., or frt. all., E..lb. .04⅝- —

Mica, wet-ground, rubber, bgs., c.l., frt. alld. E..lb. .04 - —
l.c.l., ex-whse., or frt. alld., E..lb. .04½- —

wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l....lb. .07 - —
spray, bbls., c.l....lb. .06½- —
l.c.l....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15½- —
l.c.l....lb. .16½- —
spray, bbls., c.l....lb. .15½- —
l.c.l....lb. .16½- —
Millet seed, yellow, bgs....lb. .0335- .0350
early fortune, bgs....lb. .02¼- .02½
hulled, bgs....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P. naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works....lb. .55 - —
Monobutylamine, dms., c.l., works..lb. .62 - —
l.c.l....lb. .65 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms....lb. .25 - —
tanks....lb. .23 - —
Monoethylanilin, dms....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs....oz. 11.10 - —
cns., 25 ozs....oz. 10.90 - —
Acetate, bots., 5 ozs....oz. 9.00 - —
cns., 25 ozs....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz. 10.75 - —
cns., 25 ozs....oz. 10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs....oz. 8.75 - —
Sulphate, bots., 5 ozs....oz. 9.00 - —
cns., 25 ozs....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns....lb. .80 - .85
Leaves, bls....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz. 21.00 -22.00
pods, caddies, 20 ozs....oz. 19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.25 - —
5 lbs. to 75 lbs....lb. 3.50 - —
1 lb....lb. 3.65 - —
ketone, cns., 100 lbs. or more. lb. 3.40 - —
5 lbs. to 75 lbs....lb. 3.65 - —
1 lb....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. 1.00 - —
5 lbs. to 75 lbs....lb. 1.10 - —
1 lb....lb. 1.25 - —
Musk root, bls....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .04½- .04¾
California, brown, bgs....lb. .06¾- .07
Chinese, yellow, bgs....lb. .05¾- .06¼
Danish, yellow, bgs....lb. .05 - .05½
Dutch, yellow, bgs....lb. .05 - .05½
English, yellow, bgs....lb. .05 - .05½
Hungarian, yellow, bgs....lb. .05 - .05½
Roumanian, yellow, bgs....lb. .05¾- .06
Myrobalans, J1, bgs., shipt...ton. 24.00 - —
J2, bgs., shipt....ton. 17.00 - —
R2, bgs., shipt....ton. 17.25 - —
Extract, liquid, 25%, bbls....lb. .03¾- .05¼
solid, 50% bbls....lb. .04¾- —
powdered, 70% bbls....lb. .05¾- —

N

Naphtha, Painters' (see Petroleum naphtha. V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks., 100 lbs. 2.35 - 2.85
78 deg., bgs., bbls., wks., 100 lbs. 2.75 - 3.35
import, bgs., Atl. port..100 lbs. 1.85 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works....lb. .05¾- —
50-lb., cs., same basis...lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05¼- —
Chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns....lb. 1.25 - 1.35
Nickel carbonate, bbls....lb. .36 - .37½
Chloride, bbls....lb. .18 - .20
Oxide, black, bbls....lb. .35 - .38
Salt, bbls....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb., tins....lb. .86½- —
Nitereake, bulk, works....ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l....lb. .09 - —
tanks....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
Nitrocellulose, ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works, lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammom., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., dlvd....unit-ton. 2.25 - —
f.o.b. Chemical, Ill., unit-ton. No prices
East Coast producing points..unit-ton. 2.50 Nom.
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.50 - —
Nitronaphthalene, bbls....lb. .24 - .25
Nutgalls, Alleppo, bgs., cs....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs....lb. .19 - .19½
110s, bgs., cs....lb. .16 - .16½
West Indian, bgs....lb. .10 - .10½
Nux vomica, bls....lb. .03¾- .04
powd., bbls., bxs....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03¼- —
l.c.l., bbls., wks....lb. .03¾- —
tanks....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3....gal. .17 - —
tanks, G.3....gal. .10¼- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works....lb. .17 - —
tanks, works....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots....lb. 2.25 - 2.30
s.p.a., bots....lb. 2.40 - 2.45
sweet, true, exp., cns....lb. .95 - .98
Amber, crude, cns....lb. .16 - .17
ref'd. cns....lb. .50 - .61
Amyris, cns....lb. 3.00 - 3.25
Angelica root, bots....lb. 45.00 -52.00
seed, bots....lb. 70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms....lb. .70 - .75
Apricot kernel, cns....lb. .28 - .32
Babassu, tanks....lb. .06¼ Nom.
Bay, W. I., 60-65% phenols, cns..lb. 1.20 - 1.25
55-60% phenols, cns....lb. 1.30 - 1.35
Bergamot, artif., cns....lb. 1.25 - 1.30
natural, coppers....lb. 3.65 - 3.85
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms....lb. .16 - .17
rectified, cns....lb. .60 - .65
Bois de rose, Brasil, cns....lb. 1.55 - 1.60
Cayenne, cns....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Oil, cajeput, tech., dms....lb. .42 - .45
USP IX, cns....lb. .48 - .50
Calamus, cns....lb. 3.60 - 4.25
Camphor, sassafrassy, cns...lb. .27 Nom.
dms....lb. .25 Nom.
white, cns....lb. .27 Nom.
dms....lb. .25 Nom.
Cananga, native, cns....lb. 1.25 - 1.30
rectified, cns....lb. 1.80 - 1.85
Capsicum (oleoresin), N. F. VI, cns..lb. 2.00 - 2.05
Caraway, USP, cns....lb. 1.80 - 1.85
Cardamom, bots....lb. 15.00 -27.00
Cassia, USP, cns., dms....lb. .95 - 1.00
Castor, blown, one-way dms., c.l..lb. .11¼- —
l.c.l....lb. .12 - —
Medicinal, bbls., c.l....lb. .09¾- —
l.c.l....lb. .10½- —
cns. (1-gal.), l.c.l....lb. .13½- —
dms. (returnable), c.l. ...lb. .09½- —
l.c.l....lb. .10¼- —
(5-gal.), l.c.l....lb. .11½- —
tanks....lb. .09 - —
No. 3, bbls., c.l....lb. .09¼- —
l.c.l....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l....lb. .09¾- —
tanks....lb. .08½- —

Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ⅝c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l..lb. .06¾- .06¾
l.c.l....lb. .07¼- .08¾
75% (63% fat), dms., c.l..lb. .09 - .09½
l.c.l....lb. .10 - .10½
80% (68% fat), dms., c.l..lb. .09½- .10½
l.c.l....lb. .10½- .11
Cedarleaf, cns....lb. .65 - .68
dms....lb. .56 - .58
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms....lb. .18½- .23
Celery, bots....lb. 7.50 -12.50
Chaulmoogra, USP, cns., 500 lbs., lb. .72½- —
25 lbs....lb. .75 - —
Chinawood, dms....lb. .14¾- .15
tanks....lb. .14¼- .14½
Cinnamon, Ceylon, bots....lb. 8.50 -22.00
Seychelle, bots....lb. 6.50 - 7.50
Citronella, Ceylon, cns....lb. .34 - .35
dms....lb. .32 - .33
Java, cns., dms....lb. .34 - .36
Clove, makers, USP, cns....lb. .98 - —
dms....lb. .95 - —
Coconut, Manila, crude, tanks, lb. .03¼- —
Pac. Cst....lb. .02¾- .02¾
edible, 76°, tax incl., dms., (returnable), c.l..lb. .08½- —
l.c.l....lb. .08½- —
tanks....lb. .07¼- —
Cod, Newfoundland, shipt., tanked, bbls..gal. .35 Nom.
Norwegian, shipt., bbls...gal. .26 - .28
Codliver, med., U.S.P., Norwegian, bbls..bbl. 26.00 -27.00
Coriander, bots....lb. 13.50 -20.00
Corn, crude, tanks, works....lb. .06¼- .06½
refd., bbls....lb. .09 - .09⅝
Cottonseed, dom., cooking, bbls..lb. .09¼- —
salad, bbls....lb. .09½- —
import, Brazilian, semi-refd., bulk..lb. .0430 Nom.
Creosote (see C).
Croton, USP, cns....lb. 1.30 - 1.35
Cubeb, USP, cns....lb. 2.50 - 2.75
Crude (see Petroleum, crude).
Cumin, bots....lb. 6.75 - 7.00
Cypress, dom., bots....lb. 5.25 - 5.30
import, cns....lb. 12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk....bbl. 1.75 - —
California, 24 plus, bulk..bbl. 1.55 - —
Oil, dill seed, bots....lb. 2.70 - 3.00
weed, bots....lb. 3.75 - 3.80
Dip (see D).
Erigeron, cns....lb. 2.40 - 2.55
Eucalyptus, cns....lb. .35 - .37
dms....lb. .33 - .35
Fennel, sweet, cns....lb. 1.10 - 1.15
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday....bbl. .95 - —
Tuesday....bbl. .95 - —
Wednesday....bbl. .95 - —
Thursday....bbl. .95 - —
Friday....bbl. .95 - —
Saturday....bbl. .95 - —
North Texas, 18-22....bbl. .80 - .85
24-28, zero cold test....bbl. 1.10 - 1.15
Oklahoma, 18-22....bbl. .85 - .90
24-28, zero cold test....bbl. 1.07½- 1.12½
24-28, 15 and above....bbl. .90 - .95
Pennsylvania, 36-40....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .06 - —
2, bulk, same basis....gal. .04½- —
4, bulk, same basis....gal. .04⅜- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03¾- .03½
Oklahoma, 28-30....gal. .03 - —
32-36....gal. .03⅝- .03¾
36-38....gal. .03⅝- .03⅝
38-40, straw....gal. .03⅝- .03⅝
38-40 zero, 60 c.p....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk....gal. .04½- —
Gulf Coast, bulk....gal. .03½- —
North Texas, bulk....gal. .02⅝- .03
Oklahoma, bulk....gal. .02½- .03

Oil, gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 3.25 - 4.50
Bourbon, cns. lb. 2.65 - 3.00
Turkish (see Palmarosa).
Grapefruit, cns. lb. 1.90 - 2.00
Grapeseed, dms. lb. .40 - .60
Ginger, dist., bots. lb. 5.35 - 5.50
Guaiac wood, concrete, bots. lb. 2.65 - 3.30
Haarlem, import., bots. gross 3.15 - 3.25
Halibut-liver, dms. 1,000 A unit gal. .75 - 1.00
Hemlock, cns. lb. .60 - .65
Juniper berry, USP, cns. lb. 1.10 - 1.30
Wood, tech., cns. lb. .45 - —
Juniper tar, USP XI, 1,000 lb. dms. lb. .39 - .40
cns. lb. .41 - .44
Lard, common, 1, bbls. lb. .08¾- —
2, bbls. lb. .08½- —
extra, bbls. lb. .09 - —
1, bbls. lb. .09 - —
Winter, strained, extra, bbls., lb. .09¼- —
prime burning, bbls. lb. .10 - —
prime, ed., bbls. lb. .10¼- —
ined., bbls. lb. .09¾- —
Laurel, bots. lb. 6.25 - 6.50
Lavandin, cns., 25 lbs. lb. 1.95 - 2.05
Lavender flower, French, 50% ester, cns. lb. 4.50 - 4.75
38-42% ester, cns. lb. 3.25 - 4.25
35-38% ester, cns. lb. 2.75 - 3.00
30-32% ester, cns. lb. 2.00 - 2.25
garden, cns. lb. .42 - .45
spike, Spanish, tech., cns. lb. 1.05 - 1.10
dms. lb. .95 - 1.10
Lemon, Calif., cns. lb. 2.50 - —
Messina, coppers, cns. lb. 3.10 - 4.00
Lemongrass, native, cns., dms., lb. .34 - .36
Lime, dist., Mexican, cns. lb. 3.35 - 3.50
West Indian, cns. lb. 3.75 - 4.00
expressed, cns. lb. 7.50 - 7.75
Linaloe wood, cns. lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l. lb. .0910- .0930
l.c.l., 5 or more lb. .0950- .0970
less than 5 lb. .0990- .1010
tanks lb. .0850- .0870
double boiled, bbls., less than 5 lbs. lb. .1010- .1040
raw, bbls., c.l. lb. .0870- .0890
l.c.l., 5 or more lb. .0910- .0930
less than 5 lb. .0950- .0970
tanks lb. .0810- .0830
Lovage, bots. lb. 41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms. gal. .20 - —
140 vis., dms. gal. .25 - —
green, pale, 750, 900 vis., dms. gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms. gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks. gal. .18½- —
15-25 pour, tanks. gal. .17½- —
150-160 D, color 4½, 0-10 pour, tanks. gal. .20 - —
15-25 pour, tanks. gal. .19 - —
150-160 E, color 5½, 15-25 pour, tanks. gal. .18½- —
190-200 D, color 4¼, 15-25 pour, tanks. gal. .23 - —
200-210 E, 15-25 pour, tanks. gal. .22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks. gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks. gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks. gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks. gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks. gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis. gal. .17½- —
400 vis., same basis. gal. .18 - —
500 vis., same basis. gal. .18½- —
600 vis., same basis. gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600 cold test, 10-15 pour, tanks. gal. .18 - —
cylinder, 600 fire, tanks, gal. .11½- —
600 flash, tanks. gal. .14 - —
630 flash, tanks. gal. .17 - —
635 fire, tanks. gal. .12½- —
650 fire, tanks. gal. .13½- —
Warren, E, amber, tanks, gal. .15 - —
neutral, 150 vis., 3 color, tanks. gal. .18 - —
180 vis., 3 color, tanks. gal. .18½- —
200 vis., 2 color, tanks. gal. .20 - —
spot, Penna., bright, bbls., c.l., f.a.s. gal. .22 - —
unfiltered, 600 s.r. bbls., f.a.s. gal. .20 - —
600 flash, s.r., bbls., c.l., gal. .21 - —
630 s.r., bbls., c.l., f.a.s., gal. .20½- —
Warren, E, bbls., c.l., f.a.s. gal. .20 - —
smaller lots, f.o.b. gal. .21 - —
Mace, dist., cns., dms. lb. 1.20 - 1.25
Mandarin, superior, coppers. lb. 6.00 - 6.50
Menhaden, crude, tanks, f.o.b. Balto. gal. .31 Nom.
refd., alkali, dms. lb. .0750- .0770
tanks lb. .0690- —
blown, dms. lb. .0750- .0770
kettle-bodied, dms. lb. .0840- .0860
light, pressed, dms. lb. .0690- .0710
tanks lb. .0630- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns. lb. 1.65 - 1.70
dist., natural, bots. lb. 8.50 - 9.00
expressed, bbls. gal. .65½- .70
Neatsfoot, 20° cold test, bbls., lb. .15¼- —
extra, bbls. lb. .09 - —
1, bbls. lb. .08¾- —
pure, bbls. lb. .10¾- —
prime, bbls. lb. .09 - —
sulphonated, common, 25% moisture, dms. lb. .10½- —
Neroli, bots. lb. 85.00 - 140.00
Nutmeg, USP, cns., dms. lb. 1.20 - 1.25
Officica, dms. lb. .11 - .11½
Oleo, 1, bbls. lb. .08¾- —
2, bbls. lb. .08 - —
Olibanum, bots. lb. 5.00 - 6.25
Olive, denat., bbls. lb. .92 - .95
edible, bbls. gal. 1.75 - 2.00
foots, bbls. lb. .07 - .07¼
sulphonated, 50% (43% fat), dms., c.l. lb. .11½- .12
l.c.l. lb. .12½- .13
75% (63% fat), dms., c.l. lb. .13½- .14
l.c.l. lb. .14½- .15
80% (68% fat), dms., c.l. lb. .14½- .15
l.c.l. lb. .15½- .16

Oil, orange sweet, dist., cs. lb. .50 - —
expressed, African, cns., dms. lb. .60 - .85
Calif., cns. lb. .65 - .75
Messina, USP, coppers. lb. 2.25 - 3.25
West India, cns. lb. 1.75 - 1.85
Origanum, cns. lb. .90 - 1.60
Orris, Florentine, concrete, extra strong bots. oz. 4.75 - 5.50
Palm, Niger, csks. lb. .03⅝- .03¾
shipment lb. .03 - —
softs, 12½%, bulk, shipt. lb. 0290- —
20%, bulk, shipt. lb. .0280- —
Sumatra, shipt., bulk. lb. .02¾ Nom.
Palmarosa, cns. lb. 2.00 - 2.25
Palmkernel, bulk, shipt. lb. .0340 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3. gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3. gal. .05¼- —
80-85 vis., bbls., extra, Ind. refy. gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy. gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3. gal. .05¾- —
Patchouli, bots., cns. lb. 3.75 - 6.50
Peanut, crude, dom., tanks. lb. .06¾- .06¾
refd., edible, bbls. lb. .10 - .10¼
Pennyroyal, dom., cns. lb. 1.40 - 1.45
import, cns. lb. 1.75 - 1.80
Peppermint, natural, cns., dms., lb. 2.15 - 2.45
redist., USP, cns., dms. lb. 2.35 - 2.65
Perilla, dms. lb. .09¾- —
tanks lb. .0920- —
Petitgrain, Paraguay, cns. lb. .82½- .90
Pimento berry, cns. lb. 3.35 - 3.65
leaf, cns. lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports. gal. .46 - .48
steam-dist., dms. gal. .59 - —
tanks gal. .54 - —
Pineneedle, Siberian, cns. lb. .95 - 1.00

Oil, putty, bbls., El Segundo, Richmond, Cal. gal. .22½- —
contracts gal. .19½- —
Whiting, Ind. gal. .28 - —
dms., c.l., Bost., Provid. gal. .25 - —
l.c.l., same basis gal. .27 - —
tanks, same basis gal. .18 - —
Martines, Cal. gal. .28 - —
Rapeseed, blown, bbls. lb. .14 - .14⅛
denat., bbls. lb. .80 - .82
Red, dist. or saponif. bbls., dlvd. lb. .07¾ Nom.
dms., dlvd. lb. .07¼ Nom.
tanks, dlvd. lb. .06½ Nom.
white, dms. lb. .10¼ Nom.
Rose, artif., bots. oz. 2.00 - 8.00
natural, coppers. oz. 5.25 -22.50
Rosemary, Spanish, cns. lb. .56 - .75
dms. lb. .51 - .70
Rosin, 1st rectfd., dms. gal. .45 - —
2d rectfd., dms. gal. .47 - —
3d rectfd., dms. gal. .51 - —
Rue, bots. lb. 3.85 - 4.00
Sage, cns. lb. 1.50 - 1.55
Sandalwood, E.I., USP, cns. lb. 4.75 - 4.80
Sardine, crude, tanks, Pac. Cst. gal. .31 Nom.
refd., alkali, dms. lb. .0750- .0770
tanks lb. .0690- —
kettle-bodied, dms. lb. .0840- .0860
light, pressed, dms. lb. .0690- .0730
tanks lb. .0630- —
Sassafras, artif., cns. lb. .36 - .37
dms. lb. .34 - .35
natural, cns., dms. lb. .90 - 1.00
Savin, cns. lb. 1.60 - 1.65
Savory, cns. lb. 2.00 - 2.25
Sesame, refd., dms. lb. .10½ Nom.
Shingle stain, bbls., c.l., wks. gal. .19 - —
l.c.l., works gal. .21 - —
tanks, works gal. .14 - —
Snakeroot, Canada, cns. lb. 9.50 -10.00

Oil, Gaultheria—Oil, Vet.

Oil, soybean, dom., crude, dms. lb. .0635- .0700
tanks lb. .05¾- .06¾
refd., dms. lb. .0755- .0825
tanks lb. .0675- .0685
Spearmint, USP, cns. lb. 1.70 - 1.75
Sperm, bleach, 38°, dms. lb. .1000- .1020
45°, dms. lb. .0930- .0950
natural, dms. lb. .0880- .0900
Spruce, cns., dms. lb. .60 - .65
Sweet, birch, North, cns. lb. 2.25 - 2.50
South, cns. lb. 1.85 - 2.00
Tall, crude, dms., c.l., works, ton. 45.00 - —
l.c.l., works ton. 50.00 -65.00
tanks, works ton. 35.00 - —
refined, dms., c.l., works. lb. .05½- —
l.c.l., works lb. .06 - —
tanks, works lb. .05 - —
Tallow, acidless, bbls. lb. .08½- —
tanks lb. .08 - —
Tansy, cns. lb. 6.50 - 6.75
Tar, coml, dms., c.l., dlvd., E. cities. gal. .26 - —
E. ports gal. .25 - —
l.c.l. gal. .26 - —
tanks, dlvd. E. cities. gal. .20 - —
rectfd., USP, bbls., dlvd., E. ports. gal. .50 - —
Tar acid (see T).
Teaseed, crude, dms. lb. .08¾ Nom.
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms. lb. .85 - 1.25
white, dms. lb. .85 - 1.45
Ti tree, cns. lb. 2.50 - 3.00
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. gal. 4.25 - 5.00
Valerian, bots. lb. 8.00 - 8.25
Vetiver, bots. lb. 3.50 -15.00

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Oil, Walnut—Petro.

Oil, walnut, crude, dms.	lb.	.13 - .13½
refd., dms.	lb.	.14 - .14½
Whale, refd., natural, dms.	lb.	.0770- .0790
winter, bleach, dms.	lb.	.0810- .0830
Wheat germ, phar., cns., dms.	gal.	22.50 -30.00
feedstuff, cns., dms.	gal.	17.50 -25.00
White, mineral, doms., tech., 50-60 vis., dms.	gal.	.40 - —
65-75 vis., dms.	gal.	.42 - —
80-90 vis., dms.	gal.	.43 - —
USP, 80-90 vis., dms.	gal.	.46 - —
95-105 vis., dms.	gal.	.53 - —
125-135 vis., dms.	gal.	.60½- —
140-150 vis., dms.	gal.	.64 - —
175-185 vis., dms.	gal.	.68½- —
200-210 vis., dms.	gal.	.70½- —
320-330 vis., dms.	gal.	.76 - —
335-345 vis., dms.	gal.	.77 - —
Russian, 80-90 vis., dms.	gal.	.49 - —
145-155 vis., dms.	gal.	.68 - —
175-185 vis., dms.	gal.	.72½- —
335-345 vis., dms.	gal.	.82 - —
Wintergreen, natural, North, cns.	lb.	4.00 - 8.00
South, cns.	lb.	3.05 - 3.75
synth (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	2.00 - 2.25
Wormwood, cns.	lb.	3.25 - 3.30
Ylang-ylang, Bourb., bots., cns.,	lb.	3.00 - 3.50
Manila, bots.	lb.	18.00 -24.00
Olivine, aggregate, c.l., mines.	ton.	5.00 - 8.00
Lumps, same basis.	ton.	7.00 - —
Spalls, same basis.	ton.	5.00 - —
ground, 200 mesh, c.l., mines,	ton.	15.00 - —
20 mesh to dust.	ton.	10.00 - —
Opium, USP, cns.	lb.	11.50 -12.50
gran., cns.	lb.	12.50 -13.50
powd., cns.	lb.	12.50 -13.50
Orange, Lake, Persian, bbls.	lb.	.30 - .45
Mineral, Amer., bbls., 8 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11 - —
Colo., Mont., N. M., Wyo.	lb.	.10¾- —
Other points	lb.	.10¼- —
smaller lots, divd., Ala., etc.	lb.	.11 - —
Ariz., etc.	lb.	.11½- —
Colo., Mont., N. M., Wyo.	lb.	.11¼- —
Other points	lb.	.10¾- —
French, Tours, casks, ex dock,	lb.	.13½- —
kgs., ex dock	lb.	.14½- —
Molybdate, bbls.	lb.	.31 - —
Toner, bbls.	lb.	.50 - —
Orangeflower petals, cs.	lb.	.33 - .35
Orange peel, bitter, bls.	lb.	.08 - .09
sweet, bls.	lb.	.13 - .14
Orris root, Florentine, bgs.	lb.	.10 - .11
fingers, cs.	lb.	.85 - .90
powd., bbls., bxs.	lb.	.12 - .13
Verona, bls.	lb.	.09 - .10
powd., bxs., cs.	lb.	.12 - .13
Orthoanisidin, bbls.	lb.	.70 - —
Orthochloroaniline, dms.	lb.	.60 - .75
Orthochlorophenol, dms.	lb.	.22 - —
Orthocresol, dms., c.l., works.	lb.	.16½- —
l.c.l., same basis.	lb.	.17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.06 - —
Orthodichlorobenzene, l.c.l., same basis.	lb.	.07 - —
100-lb. tins, same basis.	lb.	.08 - —
50-lb. tins, same basis.	lb.	.09 - —
tanks, same basis.	lb.	.05½- —

Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.

Orthonitroaniline, dms.	lb.	.55 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .18
Orthonitroparachlorophenol, cns.	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.08 - —
Orthotoluenehydrochloride, dms.	lb.	.22 - —
Orthotoluene sulphonate, kgs.	lb.	2.00 - 2.05
Orthotoluidin, dms.	lb.	.16 - —
Osage orange extract, cryst., bbls.,	lb.	.19 - —
liquid, 42°, bbls.	lb.	.08 - —
51°, bbls.	lb.	.09 - —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	2.50 - —
bots., cns., 1-50 lbs.	lb.	3.65 - 4.00

P

Papain, powd., cs.	lb.	1.20 - 1.25
Paprika, Hungarian, extra fancy, bgs.	lb.	.37 - .38
medium, bgs.	lb.	.35 - .37
Spanish, extra fancy, cs.	lb.	.50 Nom.
Para-aminoacetanilide, kgs.	lb.	.85 Nom.
Parachlorophenol, dms.	lb.	.45 - —
Paracymene, refd., dms.	gal.	.75 - 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11 - .12
l.c.l.	lb.	.12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼- —
bbls., c.l., N. Y.	lb.	.0230- —
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼- —
bbls., c.l., N. Y.	lb.	2.35 - —
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02¼ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.03¾- —
loose, c.l.	lb.	.0355- —
125-127 A.m.p., bgs., c.l.	lb.	.0390- —
loose, c.l.	lb.	.0370- —
128-130 A.m.p., bgs. or loose, c.l.	lb.	.04 - —
Paraffin, fully refd., 131-133 A.m.p., bgs., or loose, c.l.	lb.	.0435- —
133-135 A.m.p., bgs. or loose, c.l.	lb.	.0465- —
135-137 A.m.p., bgs. or loose, c.l.	lb.	.0490- —
138-140 A.m.p., bgs. or loose, c.l.	lb.	.0565- —
142-145 A.m.p., bgs. or loose, c.l.	lb.	.0660- —
151-153 A.m.p., bgs. or loose, c.l.	lb.	.08½- —

refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars is .05c. lower.

match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02½- .02¾
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02½ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.84 - —
100 to 900 lbs. shipments, same basis.	lb.	.85 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., divd.	lb.	.16 - —
5 and 10 gal. dms., divd.,	lb.	.17 - —
USP, cs., cbys.	lb.	.37 - .45
Paranitroaniilin, kgs., works.	lb.	.47 - —
Paranitrochlorobenzene, kgs.	lb.	.25 - —
Paranitrophenol, kgs.	lb.	.25 - —
Paranitrotoluene, kgs.	lb.	.25 - —
Paraphenylenediamine, bbls.	lb.	1.25 - 1.30
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls.	lb.	.56 - —
Pareira brava root, bls.	lb.	.15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23 - .25
less car lot, same basis.	lb.	.24 - .26
Passion flower, herbs, bls.	lb.	.07 - .07½
Patchouli leaves, bls.	lb.	.18 - .20
Pellitory root, bls.	lb.	.16 - .17
Pennyroyal herb, bls.	lb.	.07 - .08
leaves, bls.	lb.	.14 - .15
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½- —
l.c.l., G.3	gal.	.16 - —
tanks, G.3	gal.	.08½- —
laboratory grade, dms., c.l., G.3.	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
Pepper, black, Alleppy, bgs.	lb.	.07¾- .08¼
Lampong, bgs.	lb.	.04¾- .05
Tellicherry, bgs.	lb.	.08¾- .09
Red, chillies, Japan, 1, bgs.	lb.	.22 - .22½
Mombassa, bgs.	lb.	.22 - .22½
White, Java, Muntok, bgs.	lb.	.07¼- .07⅝
Saigon, bgs.	lb.	.07⅛- .07⅝
Peppermint leaves, dom., bls.	lb.	.23 - .24
import, bls.	lb.	.45 - .46
Peru, balsam, dms.	lb.	.65 - .70
Petrolatum, amber, bbls., c.l.	lb.	.02⅝- .02¾
l.c.l.	lb.	.03⅛- .03⅞
extra, bbls.	lb.	.02⅞- .03
l.c.l.	lb.	.03⅛- .04⅛
cream (see white, cream).		
green (see red).		
red, veterinary, bbls., c.l.	lb.	.02½- —
l.c.l.	lb.	.05¾- .06½
lily, bbls., c.l.	lb.	.05¼- —
l.c.l.	lb.	.06¾- .07½
snow, bbls., c.l.	lb.	.06¼- —
l.c.l.	lb.	.07¾- .08¼
Petroleum, crude, bulk, at wells:—		
California:—		
Alamitos Heights	bbl.	.74 - .98
Athens	bbl.	.84 - 1.00
Belridge	bbl.	.70 - 1.32
Buena Vista Hills	bbl.	.70 - 1.38
Canal-Greely	bbl.	.91 - 1.68
Coalinga	bbl.	.70 - .90
Coyote Hills (West)	bbl.	.78 - 1.32
Dominguez	bbl.	.79 - 1.00
East Coyote	lb.	.76 - .96
Elk Hills	bbl.	.70 - 1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28 - 1.43
El Segundo	bbl.	.80 - 1.21
Huntington Beach	bbl.	.78 - 1.22
Inglewood	bbl.	.79 - 1.27
Kern Front	bbl.	.70 - —
Kern River	bbl.	.70 - —
Kettleman Hills	bbl.	1.19 - 1.43
La Habra	bbl.	.76 - .96
Lakeview	bbl.	.70 - 1.38
Lost Hills	bbl.	.70 - 1.18
McKittrick	bbl.	.70 - —
Midway-Sunset (except Lakeview)	bbl.	.70 - 1.38
Montebello	bbl.	.77 - 1.43
Mt. Poso	bbl.	.70 - —
Mountain View	bbl.	.70 - 1.20
Newhall	bbl.	.70 - —
Orcutt	bbl.	.70 - .93
Olinda Brea	bbl.	.76 - 1.27
Playa del Rey, f.o.b. pipe-line	bbl.	.80 - 1.16
Richfield	bbl.	.76 - 1.09
Rosecrans	bbl.	.84 - 1.66
Round Mt.	bbl.	.70 - —
Santa Fe Springs	bbl.	.78 - 1.42
Santa Maria	bbl.	.63 - .70
Santa Paula	bbl.	.70 - 1.01
Seal Beach	bbl.	.79 - 1.19
Signal Hill	bbl.	.80 - 1.21
Torrence	bbl.	.80 - 1.05
Wheeler Ridge	bbl.	.70 - .83
Whittier	bbl.	.76 - .96
Wilmington	bbl.	.75 - 1.21
Canada:—		
Oil Springs	bbl.	1.97 - —
Petrolia	bbl.	1.90 - —
Central West:—		
Illinois	bbl.	1.05 - —
Lima	bbl.	.90 - —
Midland (Mich.)	bbl.	1.12 - —
Princeton	bbl.	1.05 - —
East Texas	bbl.	1.10 - —
Gulf Coast:—		
Barber's Hill	bbl.	.70 - 1.16
Batson	bbl.	.74 - 1.04
Dayton	bbl.	.95 - 1.41
Esperson	bbl.	.70 - 1.16
Goose Creek	bbl.	.70 - 1.25
Hull	bbl.	.74 - 1.04
Humble	bbl.	.74 - 1.04
Liberty	bbl.	.70 - 1.16
Markham	bbl.	.90 - 1.29
Orange	bbl.	.70 - 1.16
Pettus	bbl.	1.29 - —
Pierce Junction	bbl.	.95 - 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	.70 - 1.38
Saratoga	bbl.	.74 - 1.04
Sour Lake	bbl.	.74 - 1.04
Spindle Top	bbl.	.74 - 1.04
Sugarland	bbl.	.70 - 1.28
West Columbia	bbl.	.70 - 1.28
Kentucky, Tennessee:—		
Big Sandy river	bbl.	1.12 - —
Kentucky river	bbl.	1.20 - —
Western Kentucky (Owensboro)	bbl.	1.10 - —
Louisiana, Arkansas:—		
Bull Bayou	bbl.	.73 - 1.05
Caddo	bbl.	.73 - 1.05
Cameron Meadows	bbl.	.74 - 1.13
Choctaw	bbl.	.74 - 1.20
Cotton Valley	bbl.	.73 - 1.05
Darrow	bbl.	.74 - 1.20
De Soto	bbl.	.73 - 1.05
El Dorado	bbl.	.73 - 1.05
Haynesville	bbl.	.73 - 1.05
Homer	bbl.	.73 - 1.05
Iowa	bbl.	.74 - 1.13
Lockport	bbl.	.74 - 1.13
Miller County	bbl.	.73 - 1.05
Pine Island	bbl.	.73 - 1.05

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and Skellysolve Dependability"

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Manager Skellysolve Division, Skelly Oil Company

As the pioneers in large-scale production of extra-quality petroleum solvents, Skelly can give you any type of naphtha at any price.

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Dependability of prompt delivery, always.

Don't let us fool ourselves in this matter of price. You know and we know, that in the end you get just about what you pay for. We can manufacture to a price as well as anyone. But, our regular and made-to-specification Skellysolves are priced just as fairly by us to you as we know how.

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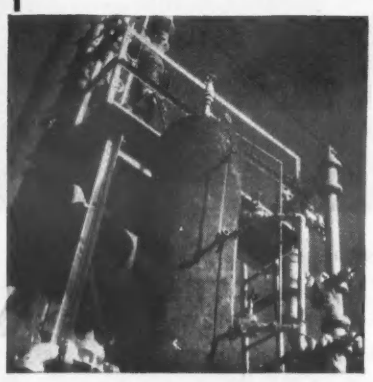

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EBG Liquid Chlorine
FIRST IN THE COUNTRY

Petroleum, crude, at wells, Louisiana-Arkansas, Rainbow..	bbl.	.73 - 1.05
Rodessa	bbl.	.73 - 1.05
Smackover	bbl.	.73 - —
Tepetate	bbl.	1.05 - —
Urania	bbl.	.89 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—		
Panuco	bbl.	No prices
Tuxpan	bbl.	No prices
Midcontinent:—		
North Texas	bbl.	.63 - 1.10
Oklahoma-Kansas	bbl.	.63 - 1.10
Pennsylvania, Ohio West Virginia:—		
Bradford-Allegany	bbl.	1.68 - —
Corning	bbl.	.97 - —
Pennsylvania grade, in Buckeye lines	bbl.	1.18 - —
Eureka lines	bbl.	1.23 - —
N. Y. Transit lines	bbl.	1.68 - —
S. W. Penn. lines	bbl.	1.84 - —
lower district in National Transit lines	bbl.	1.56 - 1.61
Rocky Mountain:—		
Big Muddy	bbl.	.93 - —
Canon City-Florence	bbl.	.90 - —
Cat Creek	bbl.	1.10 - —
Dutton Creek	bbl.	.86 - 1.10
Elk Basin	bbl.	.90 - —
Fort Collins-Wellington	bbl.	.81 - 1.05
Frannie, light	bbl.	.45 - .52
Grass Creek, light	bbl.	.90 - —
Iles	bbl.	.92 - .96
Lance Creek	bbl.	.77 - —
Lander	bbl.	.51¼- —
Midway	bbl.	.86 - 1.10
Rock Creek	bbl.	1.00 - —
Salt Creek	bbl.	.80 - 1.10
Sunburst	bbl.	1.20 - —
Torchlight	bbl.	1.30 - —
South, Central and Southwestern Texas:—		
Cass County	bbl.	.73 - 1.05
Cleveland-Liberty	bbl.	1.14 - —
Conroe	bbl.	1.27 - —
Darst Creek	bbl.	.96 - —
Hardin-Liberty	bbl.	1.00 - 1.02
Luling	bbl.	.87 - —
Lytton Springs	bbl.	.99 - —
Mirando (incl. Duval)	bbl.	.74 - 1.33
Panola County	bbl.	.73 - 1.03
Salt Flat	bbl.	.96 - —
Tomball	bbl.	.95 - 1.41
Van	bbl.	.93 - —
West Beaumont	bbl.	.79 - 1.28
Texas Panhandle:—		
Carson-Hutchinson counties	bbl.	.67 - 1.01
Gray County	bbl.	.72 - 1.06
West Texas:—		
Artesia, N. M.	bbl.	.61 - .85
Crane	bbl.	.53 - .95
Crockett	bbl.	.53 - .95
Ector	bbl.	.53 - .95
Eddy (N. M.)	bbl.	.77 - —
Howard	bbl.	.53 - .95
Jackson, N. M.	bbl.	.61 - .85
Lea, N. M.	bbl.	.53 - .95
Maljamar, N. M.	bbl.	.61 - .85
Mitchell	bbl.	.63 - .95
Pecos	bbl.	.65 - .87
Upton	bbl.	.53 - .95
Winkler	bbl.	.53 - .95
Ether, 30-60°, dms., c.l., G. 3,	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
tanks, G.3	gal.	.13 - —
35-60°, dms., l.c.l., G.3	gal.	.30 - —
40-75°, dms., c.l., G.3	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
tanks, G.3	gal.	.13 - —
laboratory grade, dms., c.l., G.3	gal.	.14 - —
c.l., G.3	gal.	.25 - —
10-gal. lots, G.3	gal.	.50 - —
Lacquer, diluent, at refinery:—		
California, 100 l.b.p., 200 e.p., tanks, delvd, Los Angeles	gal.	.11 - —
San Francisco	gal.	.11½- —
f.o.b. Richmond	gal.	.11 - —
Willbridge, Ore., Pt. Wells, Wash	gal.	.12 - —
East Coast, tanks	gal.	.12 - .12½
Group 3, tanks	gal.	.07⅜- .07⅝
Naphtha, cleaners', at refinery:—		
East Coast, tanks	gal.	.10 - —
Group 3, tanks	gal.	.06⅜- .06⅝
tankwagon, Boston, ex tax,	gal.	.13 - —
Bridgeport	gal.	.13½- —
Chicago, inc. 4c. tax	gal.	.17½- —
Decatur, inc. 4c. tax	gal.	.194 - —
Des Moines, inc. 4c. tax	gal.	.192 - —
Evansville, inc. ex tax	gal.	.14½- .15½
Milwaukee, inc. 5c. tax,	gal.	.206 - —
Minneapolis-St. Paul, inc. 5c. tax	gal.	.208 - —
Newark, ex tax	gal.	.12 - —
New York, ex tax	gal.	.12 - —
Omaha, ex tax	gal.	.144 - .154
Oklahoma City, ex tax	gal.	.16 - —
Philadelphia, ex tax	gal.	.11½- —
St. Louis, inc. 1c. tax	gal.	.15 - —
Syracuse, 150 gals	gal.	.14 - —
smaller lots, galv. drums,	gal.	.10 - —
milk cans	gal.	.21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway	gal.	.16 - —
2, over 90% arom., same basis	gal.	.18 - —
3, tanks, f.o.b. Bayway	gal.	.18 - —
3, tanks, f.o.b. Paulsboro, N. J.	gal.	.14 - —
30, same basis	gal.	.16 - —
40, same basis	gal.	.14½- —
V. m. & p., at refinery:— California, 46.5, 204 l.b.p., 350 e.p., tanks, f.o.b.		
El Segundo	gal.	.11 - —
Richmond	gal.	.11½- —
Willbridge, Ore., Pt. Wells, Wash	gal.	.12 - —
54-57, 190 l.b.p., 310 e.p. tanks, dlvd. Los Angeles	gal.	.10 - —
San Francisco	gal.	.10½- —
Portland, Seattle	gal.	.11 - —
East Coast, tanks	gal.	.09½- —
Group 3, tanks	gal.	.06⅜- .06⅝
tankwagon, Boston, ex tax	gal.	.13 - .14
Chicago, inc. 4c. tax	gal.	.16½- —
Decatur, inc. 4c. tax	gal.	.194 - —
Des Moines, inc. 4c. tax	gal.	.192 - —
Evansville, Ind., ex tax	gal.	.147 - .157
Milwaukee, inc. 5c. tax	gal.	.206 - —
Minneapolis-St. Paul, inc. 5c. tax	gal.	.208 - —
Newark, ex tax	gal.	.11 - —
New York, ex tax	gal.	.10½- .11
Omaha, ex tax	gal.	.144 - .154
Philadelphia, ex tax	gal.	.12½- —
St. Louis, inc. 1c. tax	gal.	.16 - —
Solvent, rubber, at refinery, East Coast, tanks	gal.	.09½- .10
Group 3 light 120 l.b.p., 250 e.p., tanks	gal.	.06⅜- .06⅝
standard 180 l.b.p. 260 e.p., tanks	gal.	.05⅞- .06⅛
Stoddard (CS 3-33), at refinery:— East Coast, tanks	gal.	.10 - —
Group 3, tanks	gal.	.05⅞- .06⅛

Petroleum, solvent, Stoddard **tankwagon, Boston, ex tax,**	gal.	.12½- .13½
Chicago, inc. 4c. tax	gal.	.150 - —
Decatur, inc. 4c. tax	gal.	.184 - —
Des Moines, inc. 4c. tax	gal.	.182 - —
Evansville, Ind., ex tax	gal.	.135 - .148
Milwaukee, inc. 5c. tax	gal.	.196 - —
Minneapolis-St. Paul, inc. 5c. tax	gal.	.177 - —
Newark, ex tax	gal.	.09½- .11½
New Orleans, ex tax	gal.	11 - —
New York, ex tax	gal.	.09¼- .11⅝
Omaha	gal.	.131 - .14
Philadelphia, ex tax	gal.	.10½- .12⅝
St. Louis, inc. 1c. tax	gal.	.139 - —
Tulsa, ex tax	gal.	.10 - .11
Thinners, at refinery:— California, 34, 325 l.b.p., 390 e.p., low aniline, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles	gal.	.15 - —
Portland, Ore	gal.	.16 - —
Richmond	gal.	.14½- —
Seattle, Wash	gal.	.16½- —
44, 311 l.b.p., 885 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.,	gal.	.10½- —
Richmond	gal.	.10 - —
Southern Calif	gal.	.09¼- —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo	gal.	.11 - —
Portland, Ore	gal.	.12 - —
Richmond	gal.	.11½- —
Seattle, Wash	gal.	.12 - —
East Coast, 43-47, tanks	gal.	.09½- .10
47-49, tanks	gal.	.09½- .10
New Jersey, tanks	gal.	.08½- —
Group 3, tanks	gal.	.06⅜- .06⅝
Tankwagon, tax included:— **Albany**	gal.	.13 - —
Baltimore (100 gals.)	gal.	.12½- .15½
25-99 gals	gal.	.13½- .15½
Boston	gal.	.12½- .13½
Bound Brook, North Amboy, N. J	gal.	.11½- .13½
Bridgeport, Conn	gal.	.11½- —
Buffalo	gal.	.12½- —
Camden, N. J	gal.	.10 - .12
Chicago	gal.	.162 - —
Decatur, Ill	gal.	.184 - —
Des Moines	gal.	.182 - —
Evansville, Ind	gal.	.137 - .147
Milwaukee	gal.	.196 - —
Minneapolis-St. Paul	gal.	.198 - —
Newark	gal.	.09 - —
New York (200 gals.)	gal.	.09½- .11
Omaha	gal.	.131 - .141
Philadelphia	gal.	.10 - —
Pittsburgh	gal.	.12 - .14
Providence	gal.	.12½- .13½
Rochester	gal.	.12 - —
St. Louis	gal.	.15 - —
Syracuse	gal.	.14 - —
Trenton	gal.	.11½- .14
Wilmington, Del	gal.	.11½- .13½
Phenobarbital, bots., 5 lbs.	lb.	4.35 - —
bots. or cns., spot or contract, 100 lbs.	lb.	4.00 - —
cns., 25 lbs.	lb.	4.25 - —
Phenol, USP, dms., c.l., works, frt. equald.	lb.	.14½- .15½
l.c.l., same basis	lb.	.15½- .16½
under 1,000 lbs	lb.	.16½- .17½
tanks, works	lb.	.13½- —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots.	lb.	.85 - —
bbls., dms., kegs, 100-250 lbs.	lb.	.87 - .90
Yellow, fib., dms., 2000-lb. lots,	lb.	.80 - —
100-lb. fib., dms.	lb.	.82 - —
25-lb. dms.	lb.	.87 - —
50-lb. kgs.	lb.	.84 - —
Phenyl chloride, dms.	lb.	.17 - —
Phenylacetaldehyde, bots.	lb.	2.25 - 3.50
Dimethylacetate, cns.	lb.	14.50 -15.00
Phenylethylphenyl acetate, bots.,	lb.	7.90 -15.50
Phenylhydrazine base, CP, bots.,	lb.	4.00 - —
Hydrochloride, CP, bots., works	lb.	4.00 - —
commercial, kgs., works	lb.	1.50 - —
pure, bbls., works	lb.	2.25 - —
Phloroglucinol, CP, tins, works	lb.	20.00 -22.00
tech., tins, works	lb.	15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines	long ton.	4.35 - —
land pebble, 68% min., bulk, mines	long ton.	1.85 - —
70% min., bulk, mines,	long ton.	2.35 - —
72% min., bulk, mines	long ton.	2.85 - —
75% basis, 74% min., bulk mines	long ton.	3.85 - —
Tenn., 72% bulk, mines, long	ton.	4.50 - —
75% bulk, mines	long ton.	5.50 - —
Phosphorus, red, cs.	lb.	.40 - .44
Yellow, cs.	lb.	.24 - .30
oxychloride, cyls.	lb.	.15 - .18
Pentoxide, dms., c.l., works,	lb.	.11 - .12
l.c.l., dms., wks.	lb.	.13 - .14
Sesquisulphide, cs.	lb.	.38 - .42
Trichloride, cyls.	lb.	.15 - .16
Phthalamide, bbls., tons	lb.	.35 - —
single bbls.	lb.	.40 - —
kgs.	lb.	.45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½- —
l.c.l., same basis	lb.	.15½- —
Pichi leaves, bgs.	lb.	.14 Nom.
Pilocarpine hydrochloride, bots. vis.	oz.	2.40 - 2.50
Nitrate, bots., vis.	oz.	2.90 - 3.00
Pimento, bgs.	lb.	.14 - .14½
Pinkroot, bls.	lb.	.35 - .36
Pitch, Burgundy (see B).		
Coaltar, 160° m.p., bbls., c.l., works	ton.	19.00 - —
l.c.l.	ton.	22.00 - —
hardwood, 1-time, dms., c.l., dlvd. Akron	ton.	23.75 -24.00
linseed, dms.	lb.	.05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).		
Pine, bbls.	lb.	6.00 - 6.25
Plaster of paris (see Gypsum).		
Pleurisy root, bls.	lb.	.11 - .12
Podophyllin, dms., dlvd., E. of Miss.	lb.	4.50 - 4.70
Poke root, bls.	lb.	.07½- .08
Pomegranate bark, bgs.	lb.	.16 - .17
Root bark, bgs.	lb.	.35 - .36
Poppy flowers, red, bls.	lb.	.70 - 1.00
Seed, Dutch, bgs.	lb.	.07¾- .08¼
Polish, bgs.	lb.	.07½- .08
Potash abietate	lb.	.09 - —
Acetate, tech., bbls., dlvd.	lb.	.26 - —
kgs., dlvd.	lb.	.28 - —
USP, bbls., 250 lbs.	lb.	.28 - —
kgs., 100 lbs.	lb.	.30 - —
cns., 25 lbs.	lb.	.33 - —
Arsenite, USP, solut., cbys., 100 lbs.	lb.	.11 - —
demj., 50 lbs.	lb.	.12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs.	lb.	.15 - —
kgs., 100 lbs.	lb.	.17 - —
gran., bbls., 250 lbs.	lb.	.15 - —
kgs., 100 lbs.	lb.	.17 - —

Potash, bichromate, spot, c.l., works	lb.	.08⅞- —
6 casks or 10 bbls., or over, works	lb.	.09 - —
5 casks or 9 bbls., or less, works	lb.	.09¼- —
Bromide, USP, gran., bbls., 500 lbs.	lb.	.31 - —
fib., dms., 100 lbs.	lb.	.32 - —
Carbonate, calc., dms., c.l., works	lb.	.06½- —
l.c.l., same basis	lb.	.06¾- —
hydrated, 83-85%, bbls., c.l., works	lb.	.05½- —
l.c.l., same basis	lb.	.05¾- —
liquid, dms., c.l., dlvd.	lb.	.03 - —
l.c.l., dms.	lb.	.03½- —
tanks, dlvd.	lb.	.0287½- —
USP, gran., bbls., 325 lbs.	lb.	.13½- —
powd., bbls., 325 lbs.	lb.	.19 - —
kgs., 100 lbs.	lb.	.21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works	lb.	.07 - —
l.c.l.	lb.	.07¼- .07½
import, dms.	lb.	.07 - .07½
liquid, 45% basis, dms.	lb.	.03¼- .03¼
tanks	lb.	.02½- —
solid, 88-92%, dom., dms., c.l., works	lb.	.06¼- —
l.c.l.	lb.	.06½- .06⅝
import, dms.	lb.	.06¼- .06⅝
Chlorate, cryst., kgs.	lb.	.09¼- .09⅝
gran., kgs.	lb.	.12 - .13
powd., kgs.	lb.	.08½- .09
Chloride, tech., 98%, cryst., bgs., kgs.	lb.	.04 - .06
Chromate, kgs.	lb.	.24 - .27
Citrate, USP, gran., bbls., 250 lbs.	lb.	.33½- —
kgs., 100 lbs.	lb.	.34½- —
cns., 50 lbs.	lb.	.35½- —
cns., 25 lbs.	lb.	.37½- .38½
Cyanide, cns., dms.	lb.	.50 - .55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots	lb.	.90 - —
100-lb. lots	lb.	1.00 - —
50-lb. lots, cbys. or cns.	lb.	1.05 - —
25-lb. lots, cns.	lb.	1.15 - —
Guaiacolsulphonate, fib., dms. 100 lbs.	lb.	1.60 - 1.65
cns., 25 lbs.	lb.	1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs.	lb.	.30½- .32
Hypophosphite, cns., 100 lbs.,	lb.	.72 - —
25 to 50 lbs.	lb.	.75 - —
Iodate, bots., 5 lbs.	lb.	3.31 - 3.35
cns., 25 lbs.	lb.	3.20 - —
Iodide, bbls., 250 lbs.	lb.	1.13 - —
bots., or cns.	lb.	1.22 - 1.48
dms.	lb.	1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f., ports	ton.	12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports	unit-ton.	.58½- —
import, 30%, K_2O, bulk, shipt.	unit-ton.	.58½- —
Metabisulphite, kgs.	lb.	.12 - .13½
Muriate, dom., all strengths, min., 50% K_2O bulk,	unit-ton.	.53½- —
import, all strngths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports	unit-ton.	.53½- —
Potash muriate prices in bags are $2 per ton higher than bulk price.		
Oxalate, pure, cryst., kgs.	lb.	.30 - .31
tech., bbls.	lb.	.25 - .26
Nitrate, crude, bgs., c.l.f. ports.	ton.	35.00 Nom.
Perchlorate, kgs., works	lb.	.09 - .10½
Permanganate, tech., dms.	lb.	.18½- .19
Prussiate, red, bbls.	lb.	.30½- .34
Yellow, bbls.	lb.	.15 - .16
Ricinoleate, tech., bbls.	lb.	.13 - —
Silicate alkaline, lump, bgs.,	lb.	.07 - —
Sulphate, NF, cryst., bbls., 400 lbs.	lb.	.13 - —
kgs., 100 lbs.	lb.	.15 - —
powd., bbls., 350 lbs.	lb.	.14 - —
kgs., 100 lbs.	lb.	.16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports	ton.	38.00 - —
l.c.l.	lb.	.13½- —
Xanthate, dms., c.l.	lb.	.13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipa.	ton.	25.75 - —
Potash-titanium oxalate, kgs.	lb.	.35 - .40
Prickly ash bark, bls.	lb.	.12 - .15
Berries, bls.	lb.	.20 - .24
Prince's pine herb, bls.	lb.	.21 - .22
Propane, tanks, G.3	gal.	.03 - —
Psyllium seed (see Fleaseed).		
Pulsatilla, bls.	lb.	.17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works	lb.	.03 - —
less than 3, works	lb.	.03½- —
F and 1, bbls., 3 or over, works	lb.	.03½- —
less than 3, works	lb.	.04 - —
O, O-½, O-⅝, and ½, bbls., less than 3, works	lb.	.04½- —
3 or over, works	lb.	.04 - —
Ital-grd., bgs., c.l., shipt. ex dock, N.Y. ton.		32.85 Nom.
l.c.l., 5-29 tons, ex whse.,	ton.	37.70 - —
1,000-10,000 lbs., ex whse.	ton.	38.70 - —
2 bgs. to 1,000 lbs., ex whse.	ton.	40.70 - —
single bgs., ex whse.	ton.	45.70 - —
Pumpkin seed, bgs.	lb.	.10 - .12
Purple lake (see Red).		
Putty, com'l, dms.	100 lbs.	3.00 - —
linseed oil, raw, dms.	100 lbs.	4.50 - —
refined, dms.	100 lbs.	5.00 - —
standard, dms.	100 lbs.	3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrum (Seil test) 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand	gal.	6.95 - —
basis (30 to 1) 3.6% pyrethrine 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand	gal.	3.90 - —
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over	lb.	.26 - .27
fine powd. Japan, bbls., ton lots frt. alld.	lb.	.27 - .28
Pyridin, denaturing, dms.	gal.	1.63 - —
refd., 2°, dms.	lb.	.50 - —
Pyrites, Spanish, bulk, c.l.f. Alt. ports	unit-ton.	.12-13 Nom.
Pyrocatechin, CP, cryst, works, fib, dms., tins	lb.	2.15 - 2.40
resublimed, fib. dms., tins.	lb.	4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines	ton.	9.00 - —
325 mesh, same basis	ton.	12.00 - —
No. 3, 200 mesh, c.l. mines	ton.	7.50 - —
325 mesh, same basis	ton.	10.50 - —
Pyroxlin, scrap, amber, cs., works	lb.	.12 - —
black, cs., works	lb.	.10 - —
China white, ivory, cs., works	lb.	.13 - —
dense white, cs., works	lb.	.10 - —

Petroleum—Red, Mer. Oxide

gray, cs., works	lb.	.06 - —
mixed, mottles, opaque, cs., works	lb.	.04 - —
shell-demi, cs., works	lb.	.12 - —
translucent pastels, cs., works	lb.	.10 - —
transparent, cs., works	lb.	.20 - —
colors, cs., works	lb.	.12 - —
shavings, amber, cs., works	lb.	.16 - —
colors, mixed, cs., works	lb.	.10 - —
white, cs., works	lb.	.15 - —

Q

Quassia chips, bls.	lb.	.05 - .06
Quebracho extract, liquid, 35% tan, bbls., works	lb.	.03⅝- —
tanks, works	lb.	.02⅝- —
Quebracho, extr., solid, 63%, bgs., c.l., ex dock, plus duty	lb.	.04 - —
clarified, 64%, bgs., c.l., same basis	lb.	.04¼- —
Queen of the meadow leaves, bgs.	lb.	.07 - .09
Root, bgs.	lb.	.09 - .10
Quercitron, extract, liquid, 51°, bbls.	lb.	.07½- .08½
solid, dms.	lb.	.10 - .15½
Quicksilver, dom., flasks, (76 lbs. net), dlvd., N.Y.	flask.	77.00 -80.00
import, flasks, (76 lbs. net) in bond	flask.	64.00 - —
Quince seed, bgs.	lb.	.80 - 1.00
Quinidine, cryst., small, cns.	oz.	.90 - —
large, cns.	oz.	.98 - —
powd., precip., cans.	oz.	.91 - —
Sulphate, cns.	oz.	.67 - —
Quinine, 100 ozs., cns.	oz.	.76 - —
Acetate, cns.	oz.	.99 - —
Arsenate, cns.	oz.	.99 - —
Arsenite, cns.	oz.	1.01 - —
Bisulphate, cns.	oz.	.54 - —
Citrate, cns.	oz.	.72 - —
Dihydrobromide, bots.	oz.	.75 - —
Dihydrochloride, bots.	oz.	.75 - —
Ethylcarbonate, cns.	oz.	.75 - —
Ferrocyanide, cns.	oz.	1.01 - —
Formate, cns.	oz.	.94 - —
Glycerophosphate, cns.	oz.	1.14 - —
Hydrochloride, cns.	oz.	.68 Nom.
Hydrochlorosulphate, cns.	oz.	.75 - —
Hydrolodide, cns.	oz.	.99 - —
Hypophosphite, cns.	oz.	.99 - —
Phosphate, cns.	oz.	.82 - —
Salicylate, cns.	oz.	.73 - —
Sulphate, U.S.P. X, cns.	oz.	.54 - —
U.S.P. XI, cns.	oz.	.61 - —
Sulphocarbolate, cns.	oz.	.97 - —
Tannate, cns.	oz.	.97 - —
Tartrate, cns.	oz.	.97 - —
Valerate, cns.	oz.	.93 - —
Quinine-urea hydrochloride cns.	oz.	.75 - —

R

R, salt, dry, bbls.	lb.	.55 - —
paste, dms.	lb.	.52 - —
Rapeseed, Belgian, bgs.	lb.	.06½- .06½
Dutch, black, bgs.	lb.	.06¼- .06½
red, bgs.	lb.	.06¼- .06⅝
Japanese, bgs.	lb.	.06 - .06¼
Raspberries, dried, bls.	lb.	.36 - .38
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis	lb.	1.10 - 1.90

Red. Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.85 - —
smaller lots, same basis,	lb.	.90 - —
kgs., ton lots, same basis,	lb.	.90 - —
smaller lots, same basis,	lb.	.95 - —
light shade, bbls., ton lots, same basis	lb.	.70 - —
smaller lots, same basis,	lb.	.75 - —
kgs., ton lots, same basis,	lb.	.75 - —
smaller lots, same basis,	lb.	.80 - —
light-medium shade bbls., ton lots, same basis	lb.	.75 - —
smaller lots, same basis,	lb.	.80 - —
kgs., ton lots, same basis,	lb.	.80 - —
smaller lots, same basis,	lb.	.85 - —
maroon shade, bbls., ton lots, same basis	lb.	.95 - —
smaller lots, same basis,	lb.	1.00 - —
kgs., ton lots, same basis,	lb.	1.00 - —
smaller lots, same basis,	lb.	1.05 - —
medium shade, bbls., ton lots, same basis	lb.	.80 - —
small lots, same basis,	lb.	.85 - —
kgs., ton lots, same basis,	lb.	.85 - —
smaller lots, same basis,	lb.	.90 - —
selenide, bbls., dark, works,	lb.	2.50 - —
light, works	lb.	2.25 - —
Orange, bbls., 100-lb. lots, works	lb.	1.50 - —
Carmine, 40 1-lb. cns., 500 lbs.,	lb.	4.15 - —
dms., 500-lb. lots	lb.	4.00 - —
100-lb. lots	lb.	4.10 - —
Crocus martis (see Red, purple oxide.)		
Eosin toner, bbls.	lb.	1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y.	lb.	.06⅜- —
80%-85%, bbls., same basis	lb.	.07⅛- —
Iron oxide (see Red, oxide).		
Lake C toner, bbls., same basis alizarin lake, contracts.	lb.	1.35 - —
open order	lb.	1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contra	lb.	.68 - —
open order	lb.	.73 - —
Rose lake, bbls.	lb.	.79 - .80
Pink, bbls.	lb.	.15 - .90
Lithol-rubin toner, bbls., same basis alizarin lake	lb.	1.85 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts.	lb.	.40 - —
Oxide (see Red, purple oxide).		
Mercury oxide, tech., dom.	bbls.	lb. 2.30 - —

Red, Metallic—Strychnine

Red, metallic, bbls., Pa., works, lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works..lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N.Y..lb. .06¼- —
80% copperas oxide, bbls., same basis..lb. .07½- —
Para, toner, concent., xegs, same basis alizarin lake, contracts..lb. .75 - —
open order ..lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- .04¾
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kegs..lb. .90 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs..lb. 1.50 - 2.00
Scarlet ink toner, kgs, same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake .lb. .35 - .80
Spanish, oxide, bbls., f.o.b. N.Y..lb. .03¾- .0390
Toluidin toner, xgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 500 lbs..lb. 1.50 - —
smaller lots.....lb. 1.51 - 1.64
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., flb. dms., 50 lbs. or more..lb. 1.61 - —
Red saunders wood, ground, bbls, lb. .12 - .17
Resorcinol, tech., dms., works..lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots. .....lb. 6.25 -12.00
Rhubarb root, cs.....lb. .35 - .36
powd., bbls., kgs..lb. .40 - .41
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .17¾- —
smaller lots.....lb. .18¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .16¾- —
smaller lots.....lb. .17¼- —
Rose flowers, pale, bls.....lb. .40 Nom.
red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .06
Rosin, gum B, bbls., ex dock, 280 lbs. 4.95 - —
D, bbls.....280 lbs. 5.20 - —
E, bbls.....280 lbs. 5.35 - —
F, bbls.....280 lbs. 5.50 - —
G, bbls.....280 lbs. 5.55 - —
H, bbls.....280 lbs. 5.55 - —
I, bbls.....280 lbs. 5.55 - —
K, bbls.....280 lbs. 5.57½- —
M, bbls.....280 lbs. 5.57½- —
N, bbls.....280 lbs. 6.60 - —
W. G., bbls.....280 lbs. 7.05 - —
W. W., bbls.....280 lbs. 7.55 - —
X, bbls.....280 lbs. 7.55 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Import., lump., bbls.....lb. .12 - —
powd., bbls. .....lb. .06¼- .10
Rue, bls. .....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .18 - .19
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs. .....lb. 1.75 - 2.05
Safflower, bls. .....lb. .22 - .28
Saffron, Mexican, bls.....lb. .28 - .29
Spanish, tins.....lb.26.00 -27.00
Safrol, cns. .....lb. .52 - .55
dms. .....lb. .50 - .51
Sage, Dalmatian, stemless....lb. .05¾- .06
garden, bls. .....lb. .06¼- .06½
Sago flour, bgs.....lb. .02½- .03¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., flb. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs. .....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.50
l.c.l., bgs., dlvd., N.Y..ton.15.00 -15.60
vacuum, common, fine, bgs.,c.l., dlvd., N.Y..ton.15.30 - —
l.c.l., dlvd., N. Y.....ton.16.30 -21.00
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works .....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons..100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....lb.21.00 -22.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras,bls.lb. .40 - .41
Mexican, bls.....lb. .16 - .18
Sassafras, bark, ord., bls.....lb. .13 - .15
select, bls.....lb. .18 - .20
Savory, bbls. .....lb. .07¾- .08
Saw palmetto berries, bgs.....lb. .07 - .07½
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .13¾- —
smaller lots.....lb. .14¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots.....lb. .15¼- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega, root, bls.....lb. .65 - .70
Senna leaves, Alexandria, bls..lb. .10 - .14
siftings, bls.....lb. .08½- .09
Tinnevelly, No. 1, bls.....lb. .09 - .10
2 bls.....lb. .07 - .08
3 bls.....lb. .05½- .06
powd., bbls., bxs.....lb. .09 - .10
Pods, bls.....lb. .05½- .06
Serpentaria root, bls.....lb. .75 - .80
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .19 - .20
dlvd. Boston.....lb. .19½- .20½
Chicago .....lb. .19¾- .20¾
Pacific Coast.....lb. .22 - .23
refd., bbls., f.o.b. N.Y.....lb. .25 - —
dlvd. Boston.....lb. .25½- —
Chicago .....lb. .25¾- —
Pacific Coast.....lb. .28 - —
Garnet, bgs.....lb. .12½- .13
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
Superfine, bgs., f.o.b. Bost, N. Y..lb. .11 - .11½
dlvd. Chicago.....lb. .11½- .12
Pacific Coast.....lb. .14½- .15
T.N., bgs., f.o.b. Bost., N. Y. lb. .10½- .11
dlvd. Chicago.....lb. .11 - .11½
Pacific Coast.....lb. .13½- .14
Shellac varnish, orange, 5-lb. cut, bbls..gal. .90 - .95
4½-lb. cut, bbls.....gal. .85 - .90
4-lb. cut, bbls.....gal. .80 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97% 325 mesh, bgs. c.l.,works.ton.17.00 - —
l.c.l., 2½ tons,works.ton19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh., bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, work.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons,works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 96-98%, 325 mesh. bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons,works.ton.23.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .42¾- —
Govt. purchase.....oz. .6464- —
Cyanide, cns., 1,000 ozs.....oz. .39¼- —
500-999 ozs.....oz. .39¾- —
80-499 ozs.....oz. .39¾- —
16-79 ozs.....oz. .42¼- —
Nitrate, vis.....oz. .31½- .33½
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simaruba bark, bls.....lb. .28 - .30
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .20 - .21
Western, bls.....lb. .14 - .17
Skunk cabbage root, bls.....lb. .15 - .17
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .11 - —
acetate, anhyd., dms., dlvd..lb. .08¼- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. ....lb. .04½- .05
powd., 90%, dms., c.l., dlvd. lb. .06 - —
l.c.l., dlvd. .....lb. .06¾- —
Alginate, dms. .....lb. .70 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11½
liquid, 50 gls., dms.....gal. .35 - —
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.i., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.i.... 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l. .....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works.....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita). Minn., Miss., Mo. (except St. Louus), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wchita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Soda, benzoate, USP., dms., 4,000 lbs., or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y.100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y.100 lbs. 2.76 - —
tech., bbls., c.l., wks..... 100 lbs. 1.70 - —
l.c.l.....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l., bgs.....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 6 cks, or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- .12
Bisulphite, powd., bbls., c.l., bbls., wks.....100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.60
Solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate bots., 5 lbs.....lb. 5.31 - —
jars 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda memehydrated, soda sal)
Caustic, flake, 76%, 1, gr. powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works....100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works.... 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
¶ .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran. bbls...225 lbs. .19½- —
cns., 50 lbs.....lb. .21½- —
25 lbs.....lb. .23½- .24½
kgs., 100 lbs.....lb. .20½- —
USP XI, gran., bbls., 250 lbs. lb. .26 - —
cns., 50 lbs.....lb. .28 - —
25 lbs.....lb. .30 - .31
kgs., 100 lbs.....lb. .27 - —
powd., bbls., 250 lbs.....lb. .28½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31½
kgs., 100 lbs.....lb. .27½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila...lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9 same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Philla.
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots..lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns. 100 lbs. .20½- .22
Hypophosphite, N.F., cns.... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt. equal'd..100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.10 - —
bots. .....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
flb. dms., 25 lbs.....lb. 3.15 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks...100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .50 - —
Soda, nitrate, crude, c.l., 100-lb. bgs., Dec.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis.ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrite l.c.l price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, N. F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bbls., c.l., 100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
Picramate, kgs. .....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .09½- .10
Pyrophosphate, anhyd., bgs., c.l., frt. alld. E. of and incl. Denver—100 lbs. 5.10 - —
l.c.l., same basis...100 lbs. 6.10 - —
bbls., c.l., same basis.100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 6.30 - —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs. .....lb. .52 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms., and up, dlvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04¾- .05
import, bbls.....lb. .04 - .04½
Stannate, dms.....lb. .31 - .34
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech., kgs.....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .18 - .19
Spikenard root, bls.....lb. .12 - .13
Spruce extract, reg., bbls., c.l., works..lb. .01½- —
tanks, works.....lb. .01½- —
powd., super, bgs, c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01½- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .15 - .16
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.50 - 2.70
dlvd., N. Y.....100 lbs. 2.85 - 3.05
powd., bgs., f.o.b. Chicago. 100 lbs. 2.60 - 2.80
dlvd., N. Y.....100 lbs. 2.95 - 3.15
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bbls.....lb. .06¼- —
Staveacre seed, bgs.....lb. .17 - .18
Stearin, oleo, bbls.....lb. .06¾- .07
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .13½- .14
Seed, bgs. .....lb. .09 - .10
Strontium bromide, flb, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. .16½- .17½
Chloride, bbls. .....lb. .11 - .12½
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophantnus seed, Kombe, bgs.lb. 1.10 - 1.15
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots..oz. .40 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .66 - —

Strychnine arsenate, 25-oz., cns., 100-oz. lots..oz. .68 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .66 - —
Glycerophosphate, 25 - oz. cns., 100-oz. lots..oz. .67 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .66 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .77 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .67 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .42 - —
powd., cns., 100-oz. lots, oz. .32 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.65 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.16.00 - —
ex vessels, Atlantic seaboard..long ton.20.50 - —
Flowers, bgs., c.l., works.... 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
Refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works.....100 lbs. 3.20 - —
l.c.l., bgs., works.....lb. 3.20 - 3.60
bbls., works.....lb. 3.55 - 3.95
heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - —
Sumac, grd., Sicilian, bls....ton.67.00 - —
leaf, bales.....ton.73.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51° bbls.....lb. .06½- .08½
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06¾- .06¾
medium, bgs.....lb. .05 - .05½
poultry, bgs.....lb. .0400- .0430
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99¼%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake, type, grd., bgs. c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .06¾Nom.
extra, loose, works.....lb. .05¾- —
special, loose, works..... .05¼- —
vegetable, ship., cs.....lb. .06½Nom.
sulphonated 85% (24% fat), dms., c.l..lb. .03¾- .04¾
l.c.l. .....lb. .04¾- .05¾
50% (43% fat), dms., c.l..lb. .05¾- .05¾
l.c.l. .....lb. .06¾- .06¾
50% (48% fat), dms., c.l...lb. .05¾- .06¾
l.c.l. .....lb. .06¾- .07¾
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 3.00 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 3.00 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.00 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.35 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports ship.unit-ton. 3.05 & .10
Tansy leaves, bls.....lb. .18 - .19
Tapioca, flour, bgs.....lb. .02 - .04
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .28 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .30 - .31
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33¼
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms. .....lb. .09½- —
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .12 - .12½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. .44 - .44½
Crystals, bbls., kgs.....lb. .36 - .36½
Metal, Straits.....lb. .4640- —
Oxide, bbls.....lb. .50 - .52
Tetrachloride, anhyd., bbls...lb. .23½- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .15 - —
Pac. cst., f.o.b. terminals, lb. .15 - —
l.c.l., 5 tons, E., dlvd....lb. .15¼- —
Pac. cst., ex whse....lb. .15¼- —
1,000-9,999 lbs., E. dlvd.lb. .15¼- —
Pac. cst., ex whse....lb. .15¼- —
50-999 lbs. E. dlvd.....lb. .15¾- —
Pac. cst., ex whse....lb. .15¾- —
under 50 lbs., E. dlvd..lb. .18 - —
Pac. cst. ex whse....lb. .18 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .15¼- —
l.c.l., 5 tons, E. dlvd.....lb. .15¼- —
1,000-9,999 lbs., E. dlvd.lb. .15¾- —
50-999 lbs., E. dlvd.. b. .16 - —
phthalate-treated, bgs., c.l., (20 tons), E. frt. alld.lb. .23 - —
Pac. cst., f.o.b. terminal.lb. .23 - —
l.c.l., 5 tons, E. dlvd...lb. .23¼- —
Pac. cst., ex whse..lb. .23¼- —
1,000-9,999 lbs., E. dlvd.lb. .23½- —
Pac. cst., ex whse....lb. .23½- —
50-999 lbs., E. dlvd.....lb. .23¾- —
Pac. cst., ex whse..lb. .23¾- —
under 50 lbs.....lb. .26 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .23¾- —
l.c.l., 5 tons, E. dlvd...lb. .23¼- —
1,000-9,999 lbs. E. dlvd.lb. .23¾- —
50-999 lbs., E. dlvd.....lb. .24 - —
pigment, barium, calcium, or magnesium base, c.l., E. frt. alld.....lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
l.c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .06¾- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .05¾- —
l.c.l., E., dlvd.....lb. .06¾- —
Tolidin base, distilled, kgs.....lb. .56 - —
Tolu, balsam, cns.....lb. .44 - .46
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .23½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .30 - .35
root, bls.....lb. .40 - .41
Tonka beans, Angostura, cks...lb. 2.40 - 2.50
Brazilian, cs. .....lb. 1.00 - 1.15
Surinam, cs. .....lb. 1.15 - 1.20
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .70 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Tributylamine, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld. Zone A...lb. .09 - —
l.c.l., dms.....lb. .095 - —
Zone B, c.l.....lb. .105 - —
l.c.l., dms.....lb. .110 - —
Zone C, dms., l.c.l.....lb. .105 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., 1, dms., c.l. .....lb. .23 - —
500 lbs., dms.....lb. .23½- —
less than 500 lbs., dms.lb. .26½- .37½
2, dms., c.l. .....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.80 - 3.00
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs. .....lb. 1.85 - 1.95
Turmeric root, Alleppey, bgs..lb. .05½- .06¾
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c. l., ex dock..gal. .27½- —
l.c.l., 10, ex dock.....gal. .29½- —
5, ex dock.....gal. .31½- —
Turpentine, wood, dest., dist., dms., dlvd. E. cities, ports gal. .22 - .24
tanks, dlvd. E. cities....gal. .20 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y., from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .03¾- .06¾

V

Valerian root, bls.....lb. .10 - .12
Valonia, beards, bgs., shipt..ton.45.00 - —
Cups, bgs., shipt.....ton.30.00 - —
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 4.40 - 4.75
Mexican, tins.....lb. 4.75 - 5.25
cut, tins.....lb. 4.25 - 4.50
South American, tins.....lb. 4.00 - 4.25
Vanillin, ex eugenol, 25-lb. tins, lb. 2.10 - —
5-lb. tins.....lb. 2.20 - —
Vanillin, ex guaiacol, 10c. per lb. less
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .40 - .41
Tree bark, bls.....lb. .22 - .25
Wattle bark, bgs., shipt.....ton.37.00 -39.00
Extract, bbls.....lb. .04½- —
Wax, bayberry, import, bgs...lb. .16½- .17
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10.....lb. .20 - .20½
1 bg.....lb. .20½- .21
Brazil, Chile, bgs., 5-10 tons, lb. .22 - .22½
1 ton.....lb. .22½- .23
500 lbs.....lb. .24 - .24½
100 lbs.....lb. .23 - .23½
refd., slabs, cs., lbs.....lb. .32½- .33
Candelilla, bgs., 1 ton.....lb. .15¼- .15¾
jobbing lots.....lb. .15¾- .16¼
Carnauba, No. 2, chalky, bgs., 1 ton..lb. .31 - .33
5 bgs.....lb. .31½- .33½
1 bg.....lb. .32 - .34
N. C. 2, bgs.....lb. .35½- .36
N. C. 3, bgs., 1 ton.....lb. .31½- .33
5 bgs.....lb. .32 - .33½
1 bg.....lb. .32½- .34
refined, bgs.....lb. .36½- .37
yellow, No. 1, bgs., 1 ton..lb. .40½- .41
5 bgs.....lb. .41 - .41½
1 bg.....lb. .41½- .42
No. 2, bgs.....lb. .39 - .39½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .09¾- .10
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .11¾
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .22 - .23
cakes, cs. .....lb. .23 - .24
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.69 - —
dms., 50 lbs., or more...lb. 1.56 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., bip., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
glider's bolted, bip., bgs., c.l., works..ton.15.60 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -16.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60- 18.50
Paris white, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —

Strychnine—Yohimbine

Whiting, limestone, gilders, extra, bgs., (extra), c.l., works. ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works..ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., ..extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., wks.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
8°, dms., works.....gal. .27 - —
tanks, E. of Omaha, frt., alld., gal. .23 -
10°, dms., works.....gal. .24 - —
tanks, E. of Omaha, frt. alld., gal. .20 - —
Xylidin, mixed, dms.....g. .26 - .26

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.85 - 1.75
lithopone, all shades, bbls. 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. .80 - —
Chrome, CP, bbls., dlvd. in, of Tenn. and N. C., E. of Miss., it., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1½c.; El Paso, 3c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.87 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .01?5 - —
E, bbls., works.....lb. .01??5- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import. lb. .02475- —
New York (f.o.b.)..lb. .03½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle ..lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575- —
New York .....lb. .03½- —
ex-dock Phila., for import..lb. .02¾- —
Portland, Seattle....lb. .03¼- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .03725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis .....lb. .03½- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03½- —
Portland, Seattle....lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02¾- —
from whse. .....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works..lb. .06¾- —
l.c.l., same basis.....lb. .04¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .13 - —
open order .....lb. .13 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthorize), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .08¼
Yohimbine hydrochloride vis..oz. 2.50 - 2.85

—Continued on page 59

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

Published every Monday by Oil, Paint and Drug Publishing Company, Inc., Harry J. Schnell, President and Treasurer; Frank V. Baldwin, Vice-President; Daniel G. Bogert, Secretary. Address 59 John Street, New York, New York. Telephone JOhn 4-2357. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, the New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers' Journal, the Oil and Paint Review and International Petroleum Reporter.

Subscription rates including postage in the United States, possessions and territories, one year, $5.00; two years, $8.00; Canada and Newfoundland, one year, $7.00; two years, $12.00; other foreign countries, one year, $10.00; two years, $18.00.

Entered at the Post Office of New York as second class matter January 15, 1884, under the act of March 3, 1879.

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Vol. 134 December 19, 1938 Number 25

Document of Enlightenment

Recent comments on the relations of employers and employees indicate that the enlightenment which motivated the National Association of Manufacturers in its recent declaration on labor relations has not reached a large part of the financial division of the business world. Of course it must be recognized that financiers will put profits above everything else in their evaluation of things that are desirable. It must also be recognized that there is a deal of evidence that this sectional exaltation of profits has been responsible for more than one major ill of business, has actually made profits impossible in more than one instance.

Finance has been chagrined and to a degree angered for some time by the refusal of business to give it a chance to make more money out of business operations. It has taken pains to dispel the belief that capital was on a strike, a belief that could not be substantiated by convincing factual evidence. But, finance has not admitted, perhaps not even to itself, why demand for capital has not been what it desired. It has offered reasons, or excuses, citing taxes and governmental interference—but always ready to oversubscribe for offerings intended to add to the government's spending money.

So, when spokesmen for finance bewail the, to them, imminent diminution of profits by labor's demands under the fair labor standards act, their qualifications to discuss this subject should be carefully analyzed before their charges, or fears, are accepted. The effects of this legislation and those of other legislation of related purpose cannot be predicted by those who know very little about why labor relations have been onerous.

Business management knows and is publicly admitting from what some of the faults of labor relations have derived. It has set out to correct these faults, in the knowledge that, to expect reasonable consideration, it is necessary to be reasonably considerate. There has been a lack of reason very often in the attitude of labor. This has been in large part the result of management's failure to search out the causes. The declaration of the National Association of Manufacturers on labor relations is a document of understanding. Finance should read it and learn.

Incentive Taxation

There is a sharp division of opinion among business men who have participated in the senatorial study of profit-sharing on this idea itself and on the correlated idea of so constructing the Federal tax system as to provide incentives of greater business activity. It seems from much of the published comment that opinions divide largely because of differing concepts of an incentive tax and of the purpose of profit-sharing. It is evident that business men are schooled in a peculiar blending of economic theory and practical experience, and the failure of business to construct a practicable tax program can be largely explained on that basis.

Incentive taxation and profit-sharing are more generally regarded as means of accomplishing a different, if not a better, distribution of wealth. Taxation should not be applied for this purpose, whether in the form of rewards for those who share their profits more widely or, for those who hold them close, in the punitive form of the surplus profits tax. Such an application of taxation is a misuse of a potentially harmful governmental power.

It is not to be doubted that a general betterment of business could be effected by means of readjustment of the distribution of the wealth that business creates. This readjustment would call for coordination of various policies and practices, and it could not be accomplished with the best results by the application of any one system in every instance. Circumstances will control.

One thing is certain—the less that government has to do with any such readjustment, whether by taxation rewards or penalties or by any other means, the better will it be done. It is a job for business, and one that business should undertake.

Merry Christmas to All!

Oil, Paint and Drug Reporter

Three Billions For Building

Another billion dollars has been added by presidential approval to the residential mortgaging fund of the Federal Housing Administration. This brings up to $3,000,000,000 the total available for guaranteeing mortgages under the housing program, and doubtless will increase the stimulation of building already marked as a result of the governmental financing.

It is interesting to examine the government's venture in the financing of housing, with a view of, at least, surmising why private enterprise did not consider the field worth developing. Up to December 1, the Federal Housing Administration had insured or had commitments to insure mortgages amounting to $1,585,000,000. Its net losses to that time were reported to have totaled but $153,000, and it had accumulated at its relatively low rate of charges a reserve of $23,000,000, to which it was reported to be adding at the rate of about $1,000,000 a month.

That is a pretty good sized piece of business, even though the profit margin is small. It must be recognized in this connection that the government's profit is only that of the financing agent, the building and repairing and remodeling work covered by the mortgages paid the contractors their customary margin. It would be interesting to know how private financing agencies look upon their relation to private building agencies in the light of the experience of the housing program. They are lending the money to the government. If they had selected to lend it direct to the building industry, would they have made less profit? Would they not have contributed more to business confidence and recovery?

That additional billion of dollars will provide more than a little work and some sales for the various divisions of the construction industry. These groups should endeavor to make the money go as far as possible. There is no indication that private financing is ready to take over from the government, and it should not be assumed, or permitted, that such jobs will stay forever in the hands of government.

—O-P-D—

Easier Credit For Business

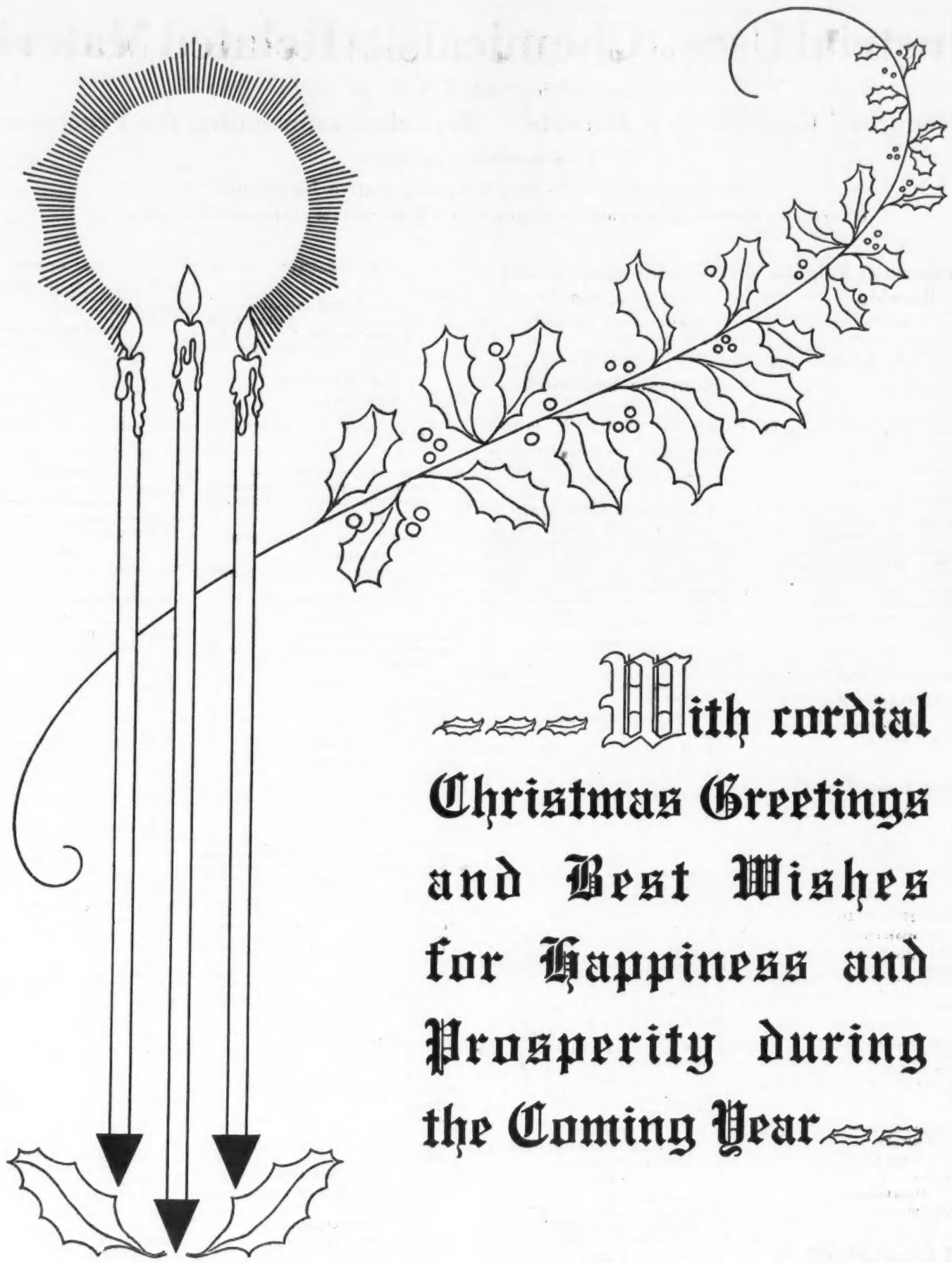
Some talk there is in Federal administration circles of a plan to extend the FHA idea of guaranteeing housing mortgages to a system designed to provide loans for small businesses. Some commenters see in this a purpose that is more political than economic, a motivating desire to revive an apparently dwindling friendliness on the part of small business.

There is reason to suspect such a motive, because much of the complaint in certain business circles of the unwillingness of banks to furnish adequate credit facilities simmers down to a well-founded lack of confidence in the credit risks. The fact that small business is not so sound as is to be desired should be faced without fogging it with popular, but not wholly accurate, reasons why the mortality of such ventures is distressingly and costly high.

Data recently contributed to the so-called "monopoly" investigation imply that the average life of a business firm is about five years. In times of generally accepted prosperity, this average in certain lines, especially in the field of distribution, is not much greater than five years. The reasons are not all to be found, as is widely believed, in high costs attributable to taxes and other external causes. Many of them are inherent in the distributive system, and not the least of these is individual incapacity.

Freedom to choose a means of livelihood does not carry with it a guaranty of success in the chosen field. And neither the world nor the government owes every man a living in the face of his inability to make a living doing what his ambition sets him to attempting.

One of the most costly items in the very freely competitive field of distribution is the ability of a novice to get credit to start something which he cannot hope to maintain. Business losses through failures are enormously out of proportion to the potential earnings of business. Easier credit is no assurance that this proportion would be reduced; it might be increased thereby. The success of the government's credit venture in the housing field is no criterion of what it could do in business loans. Real estate slumps are usually the result of unrestrained and unwarranted booms. Business failures are everyday affairs. The government would make better use of its borrowed money in finding out why this is so, in a thorough diagnosis of the ailments of the distributive system.



With cordial
Christmas Greetings
and Best Wishes
for Happiness and
Prosperity during
the Coming Year

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Industrial Uses of Chemicals and Related Materials

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Producers' Guide to New Markets Technical Information for Processors

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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

3-Aminobenzene Sulphofluoride

Dye

Reactant in—
- Dye syntheses

Starting point (Brit. 460224) in making—
- Orange dyes for wool
- Red dyes for wool
- Yellow dyes for wool

Starting point (Brit. 460224) in making—
- Clear, water-soluble dyes by diazotizing and coupling with—
  - 1-Acetylamino-8-naphthol-4-6:-disulphonic acid
  - Aminonaphthalenesulphonic acids
  - Aminonaphtholsulphonic acids
  - 1:2'-Chlor-5'-(sulphophenyl)-3-methyl-5-pyrazolone
  - Hydroxynaphthalenesulphonic acids
  - 1-Naphthol-4-sulphonic acid
  - 2-Naphthol-6-sulphonic acid
  - Pyrazolonesulphonic acids
  - 1-(4'-sulphophenyl)-3-methyl-5-pyrazolone

4-Chlororesorcinol Normal Octylether

Disinfectant

Germicide (U.S. 2036827)

Copper Silicofluoride

Mining

Activating agent (U.S. 1972588) for—
- Oxidized minerals in flotation processes employing sodium sulphide, sodium ethylxanthate, and a frother

Diethylbenzene

(Diethylbenzol)

Analysis

Solvent in—
- Analytical processes involving control and research in science and industry

Chemical

Heat-transfer medium

Intermediate in—
- Organic syntheses

Solvent in various manufacturing processes

Dye

Intermediate in making—
- Synthetic dyestuffs

Electric

As a dielectric

Miscellaneous

Heat-transfer medium

4-Ethylfurfural

Fats, Oils, and Waxes

Extractant (Brit. 475070) in purifying—
- Animal oils
- Fats
- Fish oils
- Tallows
- Vitamin-containing concentrates from fish liver oils
- Waxes

Heptoic Acid Chloride

Chemical

Starting point (Brit. 453778) in making—
- Emulsifying agents by sulphonating products of its reactions with benzene, toluene, xylene, diphenyl, phenanthrene, naphthalene, or tetrahydronaphthalene

Lubricant

Starting point (Brit. 453778) in making—
- Lubricants with benzene, toluene, xylene, diphenyl, phenanthrene, naphthalene, or tetrahydronaphthalene

Monofluorobutyric Acid Methylsarcoside

Insecticide and Fungicide

Fungicide (Brit. 458179)

Insecticide (Brit. 458179)

Montanic Acid Nitrile

Chemical

Starting point (Brit. 438793) in making—
- Higher aliphatic amines suggested as textile auxiliary agents and as pharmaceutical agents

Potassium Chromate

(Chromate of Potash, Chromate de Potasse, Chromate de Potassium, Chromkali, Cromate de Potasa, Cromato di Potassio, Chromsaureskalium, Einfachchromsaureskalium, Gelbes Chromsaureskalium, Kaliumchromat, Monochromate of Potash, Monochromate de Potasse, Potassium Monocromate, Yellow Chromate of Potash)

Analysis

Reagent in—
- Analytical processes involving control and research in science and industry

Building Construction

Reagent in—
- Waterproofing mortar, cement, and concrete (U.S. 1519285)

Cellulose Products

Conserver (French 601297) of—
- Luster, transparency, and brilliancy of cellulose acetate, subjected to hot or boiling water

Chemical

Oxidizing agent in various processes

Oxidizing agent in making—
- Benzoates (Brit. 402529)
- Benzoic acid (Brit. 402529)

Process material in making—
- Chlorochromic acid (U.S. 1145186)
- Chromium oxide (U.S. 1429912)
- Chromium sulphate (U.S. 1379578)
- Copper oxide (electrolytic process) (French 659921)
- Ferric chromate (U.S. 1135977)
- Ferric sulphochromate (U.S. 1135977)
- Potassium chlorate (U.S. 1143586)

Starting point in making—
- Potassium bichromate

Dye

Oxidizing agent in making—
- Anilin black

Electrical

Ingredient (U.S. 1276714) of—
- Dry battery compositions

Ink

Reagent in making—
- Inks (used in reaction with logwood)

Insecticide and Fungicide

Fungicide (French 573588)

Leather

Process material in—
- Finishing processes
- Tanning processes

Mechanical

Ingredient of—
- Antifreeze mixture (U.S. 1405320)
- Boiler-corrosion preventive (U.S. 1235815)

Metallurgical

Ingredient of—
- Detinning baths for tinplate scrap (French 627777)

Process material in—
- Cementation processes for iron and steel (French 518615)
- Rustproofing iron and steel (U.S. 1440092, 1291352, 1287605, 1147971, and 1145186)

Reactant in making—
- Ferrochrome (French 498220)

Miscellaneous

Antitarnishing agent (Ger. 592710) for—
- Silver articles, such as apparatus, art objects, ornaments

Ingredient (French 573588) of—
- Weed-exterminant

Process material (U.S. 1311275) in making—
- Metallic stencil

Reactant (French 551615) in—
- Invisible printings on checks, bonds, banknotes, drafts, and the like, which are made visible by ultraviolet rays

Paint and Varnish

Reactant in making—
- Chromate pigments
- Pigments with metallic nitrates (Brit. 406445)

Paper

Ingredient (French 659155) of—
- Extender for paper colors, containing also sodium silicate and glycerin

Pharmaceutical

In compounding and dispensing practice

Photographic

Process material (U.S. 1308538) in making—
- Colored motion picture film

Soap

Special agent (Brit. 450221) in—
- Shaving creams (said to prevent blunting of razor's edge)

Textile

Mordant in—
- Dyeing processes
- Printing processes

Wood

Ingredient (U.S. 1346830) of—
- Wood preservative

Saccharin

(Acide Anhydro-orthosulphamidebenzoique, Anhydro-orthosulphamidebenzoic Acid, Benzoic Sulphinide, Benzoesauressulfimid, Benzosulphimide, Benzosulphinid, Benzosulphinide, Benzosulphinidum, Benzoyi Sulphonicimide, Garantose, Glucusimide, Glukusin, Gluside, Glusidum, Glusimide, Glycophenol, Neosaccharin, Orthosulphamidebenzoic Acid Anhydride, Orthosulphamidobenzoic Acid Anhydride, Orthobenzoic Sulphimide, Sacarina, Saccharinose, Saccharol, Saxin Sucre de Huile, Sulfinide Benzoique, Sycose, Toluol Sugar, Toluolsuss, Zuckerin)

Adhesives

Ingredient (U.S. 1248092) of—
- Fireproof adhesive

Beverage

Adjunct or substitute for—
- Sugar

Flavoring or sweetening agent in certain—
- Beverages
- Cordials
- Mineral waters

Fats and Oils

Adjunct or substitute for sugar in sweetening certain oils

Fire-Fighting

Ingredient (U.S. 1248092) of—
- Fire extinguisher

Food

Adjunct or substitute for—
- Sugar

Flavoring or sweetening agent (variously said to impart a taste from 300 to 550 times greater, or intenser, than that of sugar)

Flavoring or sweetening agent in—
- Artificial milk (U.S. 1200782)
- Baked products
- Canned foods
- Food preparations
- Preserves
- Sweetmeats
- Syrups
- Vegetarian foods

Miscellaneous

Adjunct or substitute for—
- Sugar

Flavoring or sweetening agent (variously said to impart a taste from 300 to 550 times greater, or intenser, than that of sugar) for various purposes

Process material (U.S. 1248092) in making—
- Fireproofing agents

Oral Hygiene

Ingredient (U.S. 1445352, 1445351, 1435498, 1386252, and 1297494) of—
- Dentifrice preparations

Paint and Varnish

Process material (U.S. 1248092) in making—
- Fireproof paints
- Fireproof varnishes

Paper

Process material (U.S. 1248092) in making—
- Fireproof sizing for paper

Pharmaceutical

Suggested substitute for sugar in treating diabetes and obesity

Sweetening agent (U.S. 1375154) for—
- Magnesium sulphate preparation

Plastics

Process material (U.S. 1394746) in making—
- Molded plastic

Wine

Adjunct or substitute for sugar in sweetening certain wines

Wood

Treating agent (U.S. 1297491) for—
- Wood

Toluene Sulphochloride

(Toluene Sulphonylchloride)

Analysis

Reagent in detecting—
- Amino acids

Reagent in differentiating—
- Methylglycosides

Chemical

Reactant in—
- Organic syntheses

Reactant (Brit. 469819) in making—
- Alkyl-substituted aromatic sulphones
- Amino-substituted aromatic sulphones
- Cyano-substituted aromatic sulphones
- Halogen-substituted aromatic sulphones
- Nitro-substituted aromatic sulphones

Starting point (Brit. 469819) in making—
- Aromatic sulphones with xylene

Starting point (U.S. 1442818) in making—
- N-(4'-Amino-1'-naphthyl)paratoluenesulphonamide
- 4-Amino-1-(paratolylsulphonamido)-naphthalene-2-sulphonic acid
- 4-Amino-1-(paratolylsulphonamido)-naphthalene-6-sulphonic acid
- 4-Amino-1-(paratolylsulphonamido)-naphthalene-7-sulphonic acid
- 4-Amino-1-(paratolylsulphonamido)-naphthalene-8-sulphonic acid
- N-(1'-naphthyl)paratoluenesulphonamide

Starting point (U.S. 1353385, 1508928, 1454959, 1454960, and 1454961) in making—
- Benzenemethylethylsulphonamide
- Benzenemethylsulphonamide
- Diethylorthotoluenesulphonamide, N:N
- Diethylparatoluenesulphonamide N:N
- Dimethylorthotoluenesulphonamide, N:N
- Dimethylparatoluenesulphonamide, N:N
- Ethylorthotoluenesulphonamide, N
- Ethylparatoluenesulphonamide, N
- Methylorthotoluenesulphonamide, N
- Methylparatoluenesulphonamide, N
- Orthotoluenediethylsulphonamide
- Orthotoluenedimethylsulphonamide
- Orthotoluenemethylethylsulphonamide
- Paratoluenediethylsulphonamide
- Paratoluenedimethylsulphonamide
- Paratoluenemethylethylsulphonamide
- Xylenediethylsulphonamide
- Xylenemethylethylsulphonamide

Electrical

Starting point (Brit. 469819) in making—
- Aromatic sulphones, used as dielectrics, with xylene

Heavy Chemicals

Unit Base for Carbon Tetrachloride Schedule to Be Revised —Antimony Metal Registers Another Fractional Decline —Imported Soda Silicofluoride Easier

Withdrawals of heavy chemicals showed normal seasonal tapering off last week. Consumers were inclined to order out for nearby requirements at this time. Industrial activity held steady, with only slight declines reported in operating schedules of most basic consuming lines. Contract renewal work for next year occupied the attention of the trade, and, while there was no rush to cover contracts, most reports indicated that renewals were making their appearance in satisfactory volume. Changes in the market included lower quotations for domestic antimony metal and imported soda silicofluoride.

Effective January 3, 1939, a leading producer will issue a new schedule of prices in drums on carbon tetrachloride and dry-cleaning solvents having a base of this material. The new schedule comprises a revised unit base for prices quoted, these being per gallon or per drum, instead of per pound as heretofore. It also sets up a four zone system for the freight-allowed prices quoted.

Chemicals to be carried into next year at current prices included ammonia, potash and soda oxalates; ammonia and magnesia silicofluoride; potash metabisulphite, permanganate, titanium oxalate, soda sesquisilicate and thorium nitrate. Antimony metal declined fractionally for the third time in two weeks, but the lower prices failed to have an effect on the derivatives. Other metals were unchanged. Imported soda silicofluoride was offered at lower prices, subjecting the domestic material to additional competition pricewise. Chemical lime prices in various sections were holding unchanged for the first quarter.

Alums.—Contract bookings for next year was progressing at a satisfactory pace in most directions last week. Withdrawals of alumina sulphate, commercial and iron-free, was well maintained, while steady commitments were made in ammonia and potash alums.

Ammonia, Anhydrous.—Sellers were engaged in soliciting contracts for 1939 in tanks and cylinders for the various grades last week, with returns coming in at a good rate from large consuming channels.

Ammonia, Aqua.—Withdrawals were along routine lines in most directions last week, with some consumers ordering for nearby needs at this time. Booking contracts for next year occupied the attention of sellers.

Ammonia Oxalate.—Quotations for the powdered material were without change. Commitments were confined to small quantities in practically all instances.

Ammonia Silicofluoride.—Quotations will remain firm into the early part of next year. Business at this time was quiet.

Ammoniac, Sal.—Contract renewals for the white and gray material were making their appearance with moderate regularity last week. The call came chiefly from the dry battery, textile and metallurgical trade for necessary requirements.

Antimony.—Another fractional reduction was reported in the market for domestic antimony metal, making the spot quotation 11¼c. per pound. This is the third reduction in the metal in the past ten days, and brings the quotation to the level prevailing in the latter part of September before the market advanced during October to the 12¼c. per pound level. Business was quiet, with little or no interest displayed at this time.

Antimony Oxide.—The recent decline in the basic metal had no influence on the quotation for the oxide, the market failed to fluctuate two months ago when the metal was higher, and the same condition prevailed now when the market showed declining tendencies. Commitments were held to small quantities last week.

Arsenic.—Withdrawals of the white material for the account of insecticide manufacturers was showing some stimulation at this time, with preparations being made for the Spring season. Business in the red material was of a routine nature for the most part. Pricewise the market noted no change.

Bauxite.—A steady to firm price tone prevailed in the market. Interest in the market was maintained at steady levels for the account of chemical processors, abrasive and refractory trade. The Hungarian bauxite output amounted to 347,000 tons in the first three-quarter of this year, compared with 293,000 tons in the corresponding period a year ago.

Bleaching Powder.—Contract renewal work was well underway in the market. A steady interest was manifest in the market from the usual consuming channels last week.

Blue Vitriol.—A steady to firm price tone characterized the dealings in the market throughout the past week. A satisfactory business was transacted from commercial consuming sources and for water treating purposes. Export demand was well maintained.

Calcium Chloride. — A satisfactory amount of replacement business was uncovered in the market after the recent cold weather and snow. Weather conditions were expected to play a dominant part in the future trend of business from now on. Broadening the uses for this material, especially from the small consumer standpoint was progressing favorably.

Carbon Tetrachloride.—Effective January 3, 1939, a leading producer will issued a new schedule of prices in drums on carbon tetrachloride and dry-cleaning solvents having a base of this material. The new schedule comprises a revised unit base for prices quoted, these being per gallon or per drum, instead of per pound as heretofore. It also sets up a four-zone system for the freight-allowed prices quoted. The large drums, formerly containing 700 pounds net, will now carry 52½ gallons net per drum at 59 degree fahrenheit. The 10-gallon drums, formerly containing 120 pounds, will now carry 10 gallons net per drum at 59 degrees fahrenheit. The 5-gallon drums, formerly containing 60 pounds, will now carry 5 gallons net per drum at 59 degrees fahrenheit. Prices for various zones follow:—Zone 1, less car lots, 73c. per gallon or $38.33 per drum; five and/ ten gallon drums $1 per gallon; car lots, 66½c. per gallon, or $34.91 per drum; five and ten gallon drums, 90c. per gallon. Zone 2, less car lots, 80c. per gallon or $42 a drum; five and/or ten gallon drums, $1.07 a gallon; car lots, 73c. per gallon, or $38.33 per drum; five and/or ten gallon drums, 97c. per gallon. Zone 3, less car lots, 86c. per gallon, or $45.15 a drum; five and/or ten gallon drums, $1.13; car lots, 80c. a gallon, or $42 per drum; five and/ or ten gallon drums, $1.03 per gallon. Zone 4, less car lots, 90c. per gallon, or $47.25 per drum; five and/or ten gallon drums, $1.17 a gallon; car lots 83c. per gallon, or $43.58 per durm; five or ten gallon drums, $1.07 per gallon. All the above prices are freight allowed with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars Los Angeles, San Francisco, Portland, Oregon and Seattle, Washington.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Antimony metal, dom., ¼c. per lb.
Soda silicofluoride, imp., ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.2	147.2	147.2	154.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

BARIUM HYDRATE
BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA.

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For convenient and rapid testing. Write for Details.
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99½% Pure
Shipments from Boling Dome and
A new production from ORCHARD DOME
Heavy Chemicals and Fertilizer Materials

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LIQUID CHLORINE
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BORIC ACID . CARBON TETRACHLORIDE : BORAX
TITANIUM TETRACHLORIDE : CAUSTIC SODA : SULPHUR
CHLORIDE : SULPHUR : SILICON TETRACHLORIDE
CREAM OF TARTAR : SULPHURIC ACID : CARBON
BISULPHIDE : TARTARIC ACID : WHITING
STAUFFER CHEMICAL COMPANY
2710 Graybar Bldg. New York, N.Y.
636 California St. San Francisco, Cal. Carbide and Carbon Bldg. Chicago, Ill. Shell-Stroop Bldg. Los Angeles, Cal. Freeport Texas
Stauffer

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All packages are inclusive and not returnable.

Chlorine.—Major consumers continue to display a good interest for this material, with the call for water sanitation and for paper trade holding steady. Contract bookings in tanks for next year was proceeding at a satisfactory pace.

Copper. — Dealings in the domestic copper market continued quiet last week. Quotation was maintained at the 11¼c. per pound level. Dealings in the export market were in fair volume, with quotations ranging from 10.26c. to 10.31c. per pound. The domestic trade was concerned with reports that some copper producers will put into effect around the first of the year a reduced operating schedule. World stocks of refined copper at the end of November amounted to 424,537 tons, compared with 424,711 tons on October 31, a decrease of 174 tons, according to the Copper Institute. Blister stocks increased 20,818 tons, making the net increase in copper stocks last month 20,644 tons. In the United States, refined copper stocks on November 30 stood at 269,488 tons, compared with 267,299 tons a month earlier, an increase of 2,189 tons. Blister stocks were up 6,240 tons, making the net increase in domestic supplies 8,429 tons. Foreign stocks of the refined metal were 155,049 tons, against 157,412 tons, a decrease of 2,363 tons. The production of refined copper last month amounted to 177,810 tons, the largest for any month this year, and compared with 167,225 tons in October the previous high month this year.

Copperas. — A steady to firm price tone prevailed in this direction, and quotations established previously were well maintained. Withdrawals were maintained at a steady level from practically all major consuming interests. The higher steel operations have built up stocks to some extent, and the market position was not as tight as a few months ago.

Glauber's Salt. — Contract renewal work was well underway in the market, with satisfactory results reported in most directions. Major consumers were withdrawing necessary requirements at this time.

Lime.—Quotations for chemical lime in various sections of the country were holding at unchanged levels. Business has shown gradual improvement recently, reflecting to a large extent the higher operating schedules in the chemical processing trade.

Magnesia Silicofluoride. — Quotations will be firm into the early part of next year. Demand was confined to necessary quantities at this time.

Nickel Salts. — Trade was awaiting announcement of next year's contract prices. In the interim business was of a routine character, with usual consumers content to order for nearby needs.

Phosphorus.—Dealings in the market for red and yellow phosphorus were along routine lines last week. Prices were firm, and business was being booked for next year at current levels. Japan's exports of phosphorus to Europe and the United States, extremely depressed since the outbreak of the Chinese situation, is showing signs of revival, according to a report to the Department of Commerce from the office of the American Commercial Attache at Tokyo. The recession of Japan's phosphorus exports, while being partially attributed to the scarcity of bottoms under the emergency situation, originated principally from the hesitation on the part of overseas customers to place orders because of the possible effect of the China situation upon Japanese production, according to the report.

Potash Carbonate.—A fair buying interest was uncovered in most directions last week. Contract work was going ahead, with returns to date gratifying.

Potash, Caustic.—The textile industry and other consumers provided a steady interest for necessary quantities at this time. Sellers were reporting good progress in contract renewal work.

Potash Cyanide.—The call from the plating trade was well maintained throughout the week just closed. Contracts for next year at current levels were making their appearance with good regularity.

Potash Metabisulphite.—Small quantities continued to make up the call in the market. Prices were without change, and quotations will be carried into the early part of next year.

Potash Oxalate.—Price will remain firm into the early part of 1939. Withdrawals were confined to nearby needs at this time.

Potash Permanganate.—Current quotations will be carried into next year. Usual consumers provided a steady interest for moderate quantities.

Potash Titanium Oxalate. — Sellers were booking business for next year at the same levels. A moderate buying interest was manifest from leading consuming channels.

Saltcake. — Withdrawals from the paper and glass industry were maintained at steady levels. Operations in the paper trade were around 74.3 percent of capacity, compared with 56.1 percent in the same week a year ago, while operations in the glass industry were running ahead of the preceding month. Quotations were steady to firm.

Saltpeter.—Sellers were engaged in booking contracts for the next year at the current price levels. A steady interest was displayed from most major consuming channels.

Soda Ash.—Large consumers such as the paper, glass, petroleum, and rubber industry continue to withdraw quantities commensurate with improved operating schedules. Contract renewal work was well underway, and results to date were described as satisfactory.

Soda Bisulphite.—The textile, leather and other consumers were making moderate withdrawals for nearby production requirements. Contracts renewal work was showing progress in most directions.

Soda Caustic.—Shipments were moving at a moderately active pace to basic consuming industries, although some caution was displayed at this time as the year-end inventory period approaches. An affiliate of a large English chemical company states that the company has been engaged in development work only and has not yet started manufacturing alkalies in India.

Soda Cyanide.—Demand for the account of the automotive accessory industry was keeping pace with improved operating schedules in the automobile industry. A good interest was reported in signing contracts for next year at current levels.

Soda Metasilicate.—A steady interest was displayed in the market for water softening and cleaning purposes. Sellers were booking contracts for next year at present prices. Soda Metasilicate is now being manufactured in Italy at Treviglio. It is understood that the producer is also to manufacture soda orthosilicate and sesquisilicate.

Soda Oxalate. — A routine demand was the rule in this direction throughout the past week. Current quotations will be carried into next year, and sellers were booking contracts on this basis.

Soda Pyrophosphate. — Consumers were displaying a good interest in the market at the lower prices established recently. Contract work was progressing steadily for next year at the new levels.

Soda Sesquisilicate.—Quotations were carried into next year at current levels. Usual consumers supplied a moderate interest for nearby requirements.

Soda Silicofluoride. — Business was maintained at fair levels in most directions. Domestic prices were unchanged, and will remain at current levels until the end of the year. The market was still subject to competition from the imported material, and quotations for the foreign soda silicofluoride were easier at 4c. per pound in car lots; less car lots, 4½c. per pound.

Thorium Nitrate.—Quotations will remain firm into the early part of next year. Commitments were confined to necessary requirements in most directions throughout the week.

Tin Salts.—Quotations for various tin derivatives were unchanged. Tin crystals were quoted at 36c. to 36½c. per pound; tetrachloride anhydrous of tin, 23½c. per pound, and anhydrous stannous chloride of tin, 44c. to 44½c. per pound. Straits tin was quoted at .4640c. per pound.

Zinc Chloride. — Contract renewal work was progressing satisfactorily last week. Business was fairly steady for the most part. A prominent export and import firm has called upon the Department of Commerce for a list of American manufacturers of zinc chloride in a position to offer zinc chloride for export to Australia and not already represented by sales agents or distributors. American firms interested in this trade opportunity and so informing the chemical division of the Bureau of Foreign and Domestic Commerce, Washington, will have their names placed before the inquirer.

Dow Issues Revised Tetrachloride Schedule

The Dow Chemical Company, Midland, Mich., has issued a new schedule of prices in drums, effective January 3, 1939, on carbon tetrachloride and drycleaning solvents having a base of this material. The new schedule comprises a revised unit base for prices quoted. these being per gallon or per drum, instead of per pound as heretofore. It also sets up a four-zone system for the freight-allowed prices quoted.

The schedule announcement issued by the Dow Chemical Company is as follows:—

Effective January 3, 1939, Dow carbon tetrachloride and all dry-cleaning solvents manufactured by Dow having a carbon tetrachloride basis, will be sold to the consuming trade on a per gallon or per drum basis. The large drums, formerly containing 700 pounds net, will now carry 52½ gallons net per drum at 59° F.

The 10-gallon drums, formerly containing 120 pounds, will now carry 10 gallons net per drum at 59° F.

The 5-gallon drums, formerly containing 60 pounds, will now carry 5 gallons net per drum at 59° F.

The prices for the various zones are as follows:—

Less-Carload Prices to Consumers

(*Drums—52½ gallons each*)

Zone.	Price per gallon.	Price per drum.
1.	$0.73	$38.33
2.	.80	42.00
3.	.86	45.15
4.	.90	47.25

(*5 and/or 10-gallon drums*)

Zone.	Price per gallon.	Price per drum.
1.	$1.00	.....
2.	1.07	.....
3.	1.13	.....
4.	1.17	.....

Carload Prices to Consumers

(*36,000 pounds per car—52½-gallon drums*)

Zone.	Price per gallon.	Price per drum.
1.	$0.66½	$34.91
2.	.73	38.33
3.	.80	42.00
4.	.83	43.58

(*5 and/or 10-gallon drums*)

Zone.	Price per gallon.	Price per drum.
1.	$0.90	.....
2.	.97	.....
3.	1.03	.....
4.	1.07	.....

All these prices are freight allowed with the exception of zone 4 in which case the prices indicated are based on f.o.b. cars Los Angeles, Cal., San Francisco, Cal., Portland, Ore. and Seattle, Wash. All packages are inclusive and not returnable.

Zone 1 includes the following States:—Maine, New Hampshire, Vermont, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, Pennsylvania, Maryland, Delaware, Virginia, West Virginia, North Carolina, Tennessee, Ohio, Indiana, Michigan, Illinois, Wisconsin, Minnesota, Iowa, Missouri; also the river towns of Burlington, Iowa, and Kansas City, Kan.

Zone 2 includes the States of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Arkansas, Louisiana, Mississippi, Alabama, Georgia, South Carolina, Florida.

Zone 3 includes that portion of Montana east of Billings and the States of Wyoming, Colorado, New Mexico, and Texas.

Zone 4 includes the States of Washington, Idaho, Montana, Oregon, California, Nevada, Utah, and Arizona.

Acids

Transactions in the market for mineral acids were steady last week. With

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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50% and 75% Strengths

A sparkling, crystal clear liquid whose purity has established a new high standard never attained heretofore in the commercial product.

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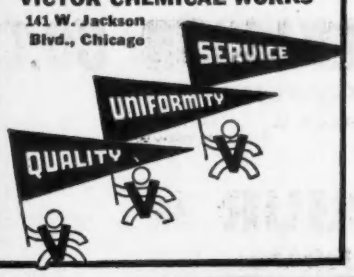
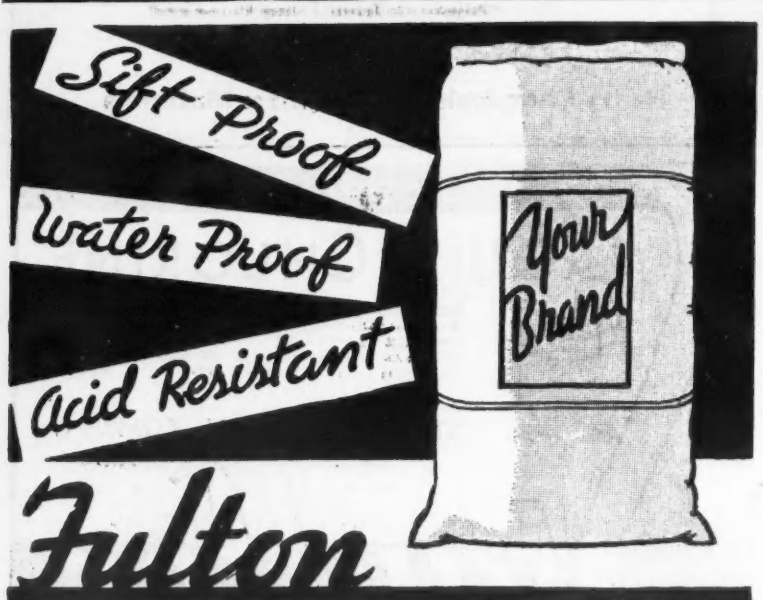




Fulton

WATER-PROOFED - - PAPER-LINED Bags

Let us quote on your requirements — any quantity from 1,000 to carload lots.

Chemicals, pigments or any product that requires sift-proof and moisture-proof containers should be packed in Fulton water-proof, paper-lined bags.

The special processing of burlap and cotton goods with paper, cementing the two with various waterproof adhesives such as asphalt, glue and latex, provides a bag that is strong, sift-proof and moisture-proof.

These bags are *much cheaper* than metal drums or barrels—they are easier to handle and to store.

Fulton water-proof, paper-lined bags are available for prompt delivery from St. Louis to the West and Middle West, and from Atlanta to the East.

Write for prices and full information.

FULTON BAG & COTTON MILLS

Atlanta Minneapolis St. Louis Kansas City, Kansas Dallas New York New Orleans

the near approach of the year-end inventory period, however, there was comparatively little disposition on the part of major manufacturing consumers to place commitments beyond nearby requirements. There were no important developments to report in the market, and contract renewal work was well underway in practically all the acids, with returns to date very gratifying.

Acetic.—Withdrawals of the various grades of acid were confined to nearby requirements in most instances last week, although interest was well maintained in the majority of instances. Sellers were concentrating on contract renewals for next year at current levels.

Battery.—The call from the automotive industry and other consumers was moderately active last week. Contract work was progressing satisfactorily for next year.

Chromic.—Sellers were soliciting contracts for 1939 at present levels, and demand from leading consumers was well sustained last week.

Formic.—Contract renewal work for next year continued to occupy the attention of sellers. Withdrawals were fair from most sources although the tendency to limit commitments to nearby needs prevailed.

Muriatic.—Shipments were of a moderate character in most directions, and sellers were busily engaged in renewing contracts for next year.

Nitric.—Usual consumers were making necessary withdrawals to take care of nearby production requirements. Contract work was reported as satisfactory for this time.

Oxalic.—Some consumers were inclined to limit commitments at this particular time, however, the market continued to enjoy a fairly broad interest. Booking of contracts for next year was showing good progress.

Sulphuric.—Major consuming industries were making their appearance for moderate quantities at this time, with the disposition to limit orders to necessary quantities prevailing in most directions in view of the near approach of the year-end inventory period. Contract renewal work has been satisfactory to date, with many large consumers already signed for next year.

BALTIMORE, Dec. 14.—Conditions as to the demand for sulphuric acid are not materially changed as compared with some weeks ago, with the manufacturers of fertilizer mixtures still inclined to delay entering into commitments. Producers have not so far marked up their quotations, at least nominally, but they still feel that account must be taken of the increased costs of production. For the present the figures named stand at $12 per ton for 60-degree and at $15 per ton for 66-degree acid. Oleum also is unchanged at $17 per ton for 20 percent supplies

Insecticides

Dullness continued to characterize the dealings in the market for agricultural insecticides and fungicides last week. Despite the seasonal quietness, sellers were looking forward to next Spring, and preparations were well underway for next year. Nothing of importance was reported in the price schedules, and a steady to firm tone remained in evidence.

The Argentine Department of Agriculture recently announced an arrangement where a large bank in Argentina will grant loans to fruit growers for the purpose of dusting and spraying equipment. The maximum loan will be 3,000 pesos and the dealer who sells the machinery likewise will be required to give special discounts. It is believed that the credit facilities offered will result in a substantial gain in consumption of insecticides, according to the office of the American commercial attache at Buenos Aires.

Calcium Arsenate.—The market experienced another listless period. Preparations were being made for next Spring in most quarters. Price schedule was unchanged, and a steady to firm price tone prevailed.

Lead Arsenate.—Quiet conditions continue to characterize the dealings in this direction. There was nothing new to divulge in the price schedule.

Lime Sulphur Solution.—Dealings in the market were at seasonally low levels. Prices were without alterations, and the present schedule in the various sections was reported steady to firm.

Paris Green.—A steady to firm price tone remained in evidence. Commitments were negligible in practically all quarters at this time.

National Match Sales Corporation will be formed for government monopolization of match manufacturing and distribution in North China as well as to increase the tax levy on matches.

Levitt to Sell Glyco Co. Products in Philadelphia

Leonard Levitt of the sales department of the Glyco Products Company, this city, has established headquarters in Philadelphia to service users of emulsifying agents, water-soluble resins, flameproofing and waterproofing agents, polishes, detergents, etc. Mr. Levitt is a graduate chemist of the University of North Carolina. For the past few years he has devoted himself to applications of newer chemicals for use in the chemical industry, specializing in emulsions for the textile, polish, cosmetic, paper, leather, rubber and allied industries. His temporary address is 49 East Cliveden street, Philadelphia, Pa., and his telephone number is Tennessee 2768.

Janssen Heads Metals Div.

Walter A. Janssen, has been appointed chief of the metals and minerals division of the Bureau of Foreign and Domestic Commerce, Washington. Mr. Janssen was educated in the elementary and high schools of Freeport, Illinois, and graduated from the University of Wisconsin where he specialized in mining, metallurgy, economics and commerce.

Louisiana Chemists Elect

The Louisiana section of the American Chemical Society has elected the following officers:—

President, Raymond Freas, associate professor of organic chemistry at Tulane University; vice-president, William M. Lemkuhl, of the Flintkote Company; secretary, E. Fred Pollard, of Tulane University; treasurer, Henry L. E. Vix, of the Old Union Brewing Company; councillors, Dr. Charles E. Coates, of Louisiana State University, and Prof. Hal W. Moseley, of Tulane University.

Prior Magazine Relates History of Soap

Previous to the American Revolution soap was so expensive that only the wealthy class could afford to use it is related in the leading article in the December issue of Priorities, house organ of Prior Chemical Corporation, this city. The story also tells how a chemical sought for the glass industry paved the way for lowering the price of soap so that it became available to everyone. The relation of soap to the perfume industry is sketched and the uses of glycerin, the chief by-product of soap making, are briefly outlined.

Blacking, Dressing Industry Had Improvement in 1937

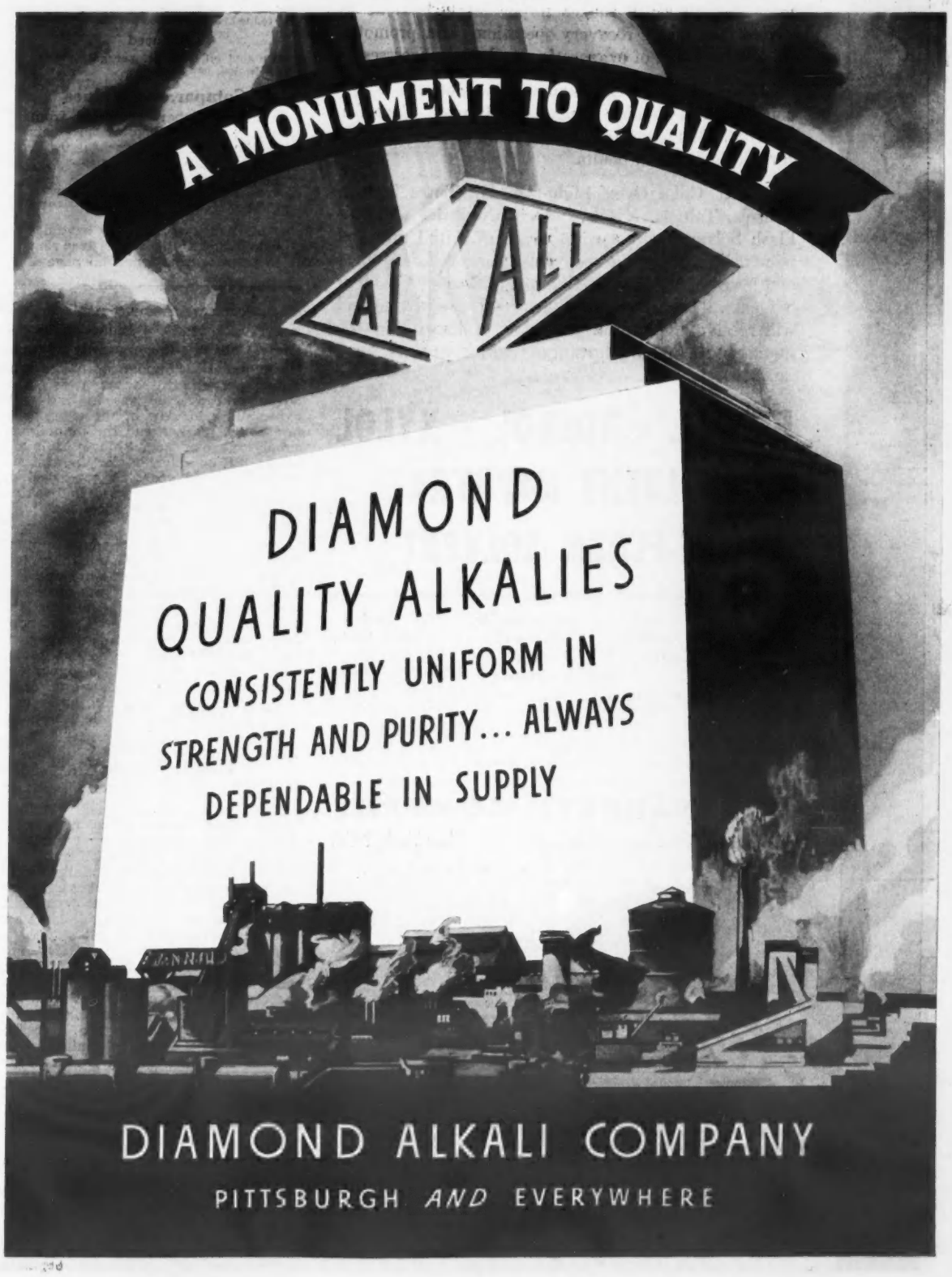
Manufacturers of blacking, stains, and dressings reported the number of wage earners employed in this industry in 1937 was 1,536, against 1,498 in 1935, according to the Biennial Census of Manufacturers, released by the Census Bureau, Washington. There were 147 establishments against 167 in 1935. Total value of products was $19,182,557, against $17,931,563 in 1935. The cost of materials was $7,988,251 in 1937, against $8,387,361 in 1935.

Schappa Heads Export Sales For Grasselli Chemicals Dept.

Walter J. Schappa has been appointed manager of the export division of the Grasselli chemicals department of E. I. du Pont de Nemours & Co., Empire State building, this city. Mr. Schappa, who matriculated at Connecticut State College, Storres, Conn., joined the Grasselli organization in 1921 as a member of the sales staff of the New Haven office. In 1930 he was transferred to the resale department in the New York office, and was assigned in 1936 to field work on Grasselli manufactured products for the metropolitan New York branch office.

Bleaching Powder Output Gained Sharply in 1937

Production of bleaching powder (calcium oxychloride) in 1937 amounted to 45,908 tons (basis 35-37 percent), valued at $937,197, according to preliminary figures compiled from returns of the recent biennial census of manufactures, released today by the Bureau of the Census, Washington. This compared with 39,561 tons in 1935, valued at $909,071. There were fourteen establishments in 1937, against sixteen in 1935.



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Coaltar Chemicals

Tar Acid Oil Prices Lower—Shingle Stain Oil Renewed—Coaltar Colors Extended for First Quarter of 1939—Pyridin Advanced—Coaltar Acids Firm

Coaltar chemical contract prices continued to make their appearance for the early part of next year. Quotations were announced for various grades of tar acid oils, shingle stain oil and pyridin. Coaltar dyes were extended for the first quarter of 1939. Some coaltar acid and intermediate prices were released for the early part of next year at the current levels. Changes in the market included lower quotations for various grades of tar acid oils and higher prices for pyridin.

Business in the market for coaltar chemicals displayed some tangibile signs of further leveling off at this particular time. The release of tar acid oil prices for next year practically concluded contract announcements for the basic products. The reduction in the tar acid oils was in conformity with the lower quotations announced in the preceding period for the tar acids. The advance in pyridin was in line with expectations in view of the short position of the market, and the inability to supply the demand. Shingle stain oil prices will be extended for the first six months of next year. A good deal of progress has been reported in booking contracts for other products that have been released earlier.

Coaltar colors, dyes and stain quotations were extended into the first quarter of 1939. Sellers were engaged in booking business at these levels. In addition to the coaltar acid quotations released the previous week, quotations were extended into the early part of next year in anthranilic and tobias acids. Other intermediate quotations to remain firm for the first quarter of 1939 included anilin salt, anthraquinone, betanaphthol and metanitroparatoluidin.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Pyridin, denat., 10c. per gal.
refined, 2 deg., .05c. per lb.

Reduced

Tar acid oil, 15%, 1c. per gal.
25%, ½c. per gal.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.7	125.8	125.9	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The conditions in the market for benzol showed relatively little change last week. Consumers were placing orders for nearby requirements, and withdrawals were sufficient to give the market a strong tone. Sellers were actively engaged in renewing contracts for the early part of next year, with progress satisfactory to date. Steel operations continued to recede slightly as the result of seasonal conditions, and last week were scheduled at 57.6 percent of capacity, compared with 59.9 percent in the preceding week and 27.4 percent in the corresponding week a year ago, according to the American Iron and Steel Institute. Shipments of benzol from the United States in the first ten months of 1938 dropped to 7,932,389 gallons, valued at $1,362,042, from 18,438,257 gallons, valued at $2,508,986, in the corresponding period of 1937.

Coaltar.—Another routine week was experienced in the market for crude and refined coaltar. Contract bookings for the first half of next year was proceeding at a fair pace. October exports amounted to 1,357,248 gallons, valued at $50,409, of which 1,327,471 gallons went to France.

Cresol.—Sellers were booking business for the first half of 1939 at the levels announced the preceding period. Interest from the disinfectant and synthetic resin industry at the present was for necessary requirements only.

Creosote Oil.—Major interests were confining commitments to nearby needs at this time. Contract renewal work for next year, however, was progressing at a good pace in most directions. October exports aggregated 13,204 gallons, valued at $4,095, of which 7,770 gallons went to the Panama Canal Zone; 2,037 gallons to Cuba and 1,000 gallons to the Philippine Islands.

Cresylic Acid.—Sellers were booking contracts for shipment to June 30, 1939, on the following basis:—High boiling, special resin grade, car lots, f.o.b. seller's works, freight equalized with producing points, 63c. per gallon; less car lots, same basis, 64c. per gallon. High boiling, other grades, car lots, f.o.b. sellers' works, freight equalized with producing points, 58c. per gallon; less car lots, same basis, 59c. per gallon.

Naphthalene.—There was not a great deal to report in this direction last week for the crude material, with some consumers making only urgent commitments. Domestic quotations were without alteration. Little of interest developed in the import market, and the quotations held steady.

Phenol.—Demand was only moderate in most directions throughout the past week. Major consumers were displaying some caution at this time. Sellers were engaged in booking contracts for next year at the same levels.

Pitch, Coaltar.—Quiet characterized the dealings in the market. Contract work for the early part of next year was progressing at a normal pace. October exports amounted to 3,561 tons, valued at $23,623, of which 3,271 tons went to France.

Pyridin.—The denaturing grade was advanced 10c. to $1.63 per gallon, and the refined, 2 degree, 5c. to 50c. per pound. Stocks of this material were none too plentiful, and the demand was more than sufficient to absorb the available quantities.

Shingle Stain Oil.—Quotations were extended for the first six months of 1939 at current levels. Business from most channels was along routine lines.

Tar Acid Oil.—Quotations for the 15 percent tar acid oil were reduced 1c. per gallon, making car lots 21c. per gallon; less car lots, 24c. per gallon. The 25 percent material was lowered ½c. per gallon to 25c. per gallon in car lots and 28c. per gallon in less car lots. Above prices are at the works. Business was booked on this basis for the first six months of 1939.

Toluol.—Contract renewal work was proceeding at a good pace in the market last week. Demand from leading consumers, especially the lacquer trade, was fairly well maintained.

Xylol.—Withdrawals from principal consumers were steady throughout the past week. A satisfactory amount of contract work was already consummated for the first half of next year at current levels.

Coaltar Acids

Anthranilic.—Quotations for the refined and technical grades will remain firm for the early part of 1939. Commitments were for small quantities throughout the past week.

Benzoic.—A good response was reported in most directions for contract renewals at the same basis as now in force. Current business was along moderate lines.

Maleic.—Sellers were engaged in booking contracts for the early part of 1939, and returns to date have been gratifying. The call from the synthetic resin industry and other large consumers was held to necessary requirements at this time.

Salicylic.—Quotation for the technical

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

grade was extended into the early part of next year, and business was being solicited on this basis. Withdrawals were of a routine character last week.

Tobias.—Price will be carried into the first quarter of next year. Usual consumers supplied the call for modest quantities throughout the past week.

Chicago Coaltar Bases

The coaltar bases market has been quiet and rather featureless, with market values revealing little change here recently. Quotations of sellers have held steady. A fairly good amount of material has been moving out to buyers in various lines, and accumulations appear not to be bothering the market to any great extent. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 23c.; 10-degree xylol, 23c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Other Intermediates

Anilin Salt.—Sellers were booking contracts for the early part of next year at current levels. Business was along steady lines for necessary quantities.

Anthraquinone.—Price will remain firm for the first quarter of 1939. The call from dyestuff manufacturers was steady for nearby requirements.

Betanaphthol.—Quotations for the technical material will be carried into the early part of next year at present levels. Demand was maintained at modest levels in the majority of instances.

Dinitrochlorobenzene.—A fair amount of business was booked for next year at the unchanged levels reported in the preceding period. Current business was of a routine nature for the most part.

Metanitroparatoluidin. — Quotations for the early part of next year will be $1.45 per pound for spot and contract price $1.40 per pound. The call was confined to small quantities throughout the past week.

Orthotoluidine.—Trade was awaiting contract price for next year. Business was well maintained in most quarters for nearby requirements.

Phthalic, Anhydride.—Contract renewal work was well underway, with satisfactory progress reported from major consuming channels. Withdrawals by the synthetic resin industry and other large interest was for nearby needs only.

Parachlorophenol.—Sellers were engaged in soliciting contracts for the next year at the unchanged levels reported last week. Orders were making their appearance in steady fashion for small quantities.

Thiocarbanilide.—Quotations for next year were awaited, and in the interim consumers were displaying the usual caution at this time of the year.

Xylidin, Mixed.—Commitments were of a modest nature in most directions, and the market lacked any particular feature.

Coaltar Colors

Quotations for various coaltar colors and stains were released for the first

J & L LIGHT OIL DISTILLATES

Commercially Pure Benzol
90% Benzol • CXP Benzol
XYLOLS (Solvent Naphtha)
Reagent Benzol • Pure Toluol
Sulphate of Ammonia

JONES & LAUGHLIN STEEL CORPORATION
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OF EXCEPTIONAL UNIFORMITY
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PHENOL All standard grades such as 82% and 90% and 39° Melting Point Pure.

CRESOL U. S. P. with very close cut distillation range and light color, for pharmaceutical purposes—Meta-Para Cresol with high meta cresol content—Resin cresols close cut to wide boiling with guaranteed meta cresol contents and clean odor, free from sulfur compounds.

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TAR ACID OILS Frozen crystal free at 0°C.—good emulsion-forming properties—low benzophenol content—appropriate for low to high coefficiencies with tar acid contents as required.

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quarter of 1939 at the same levels as now prevailing. A satisfactory amount of business was reported in most directions throughout the past week. While there was some caution displayed at this particular time, volume of business was maintained at relatively good levels. October imports of coaltar colors, dyes and stains amounted to 331,922 pounds, valued at $518,971, of which 197,826 pounds came from Germany; 109,607 pounds from Switzerland; 10,550 pounds from France and 10,699 pounds from the United Kingdom.

Rothenberger Heads Sandoz Pharmaceutical Division

Dr. E. N. Rothenberger has been named manager of the pharmaceutical division of Sandoz Chemical Works of New York. He succeeds Eugene Marti who resigned after being affiliated with the company for ten years. Dr. Rothenberger, attached to the staff of the American company for two years, has been identified with the Sandoz organization for thirteen years, having previously been attached to the scientific department for the parent organization in Switzerland. He received his Ph.D. degree from Basle University in 1922.

Safety Council Elects Chemical Committees Chairmen

At the twenty-fifth annual meeting of the National Safety Council, held in Chicago recently, the following were elected chairmen of various committees for the chemical section of the council:—

General chairman, Ralph L. Rogers, jr., of the Tennessee Eastman Corporation, Kingsport, Tenn.; vice-chairman in charge of program, Ralph O. Keefer, of the Aluminum Company of America, Pittsburgh, Pa.; secretary, F. W. Dennis, of the Hooker Electrochemical Co., Niagara Falls; news letter editor, R. S. Mackie, of theh General Electric Company, Cleveland; data sheet committee chairman, S. Warzala, of the Calco Chemical Co., Bound Brook; engineering committee chairman, D. S. McEachern, of the American Cyanamid Company, New York; health committee chairman, Dr. Leonard Greenburg, New York State Department of Labor; membership committee chairman, C. E. Sevrens, of the Monsanto Chemical Works, Everett, Mass.; poster committee chairman, H. R. Bixler, of the Union Carbide Company, New York; publicity committee chairman, S. D. Kirkpatrick, of *Chemical & Metallurgical Engineering*, New York; safety instruction card committee chairman, E. F. King, of Lever Brothers Company; and Cambridge, Mass., statistics and contest committee chairman, R. C. Stratton, of the Travelers Insurance Company, Hartford, Conn.

American Products Co. Buys Visco Chemical Products Co.

The American Products Company, manufacturer of chemical specialties, Cincinnati, has acquired the Visco Chemical Products Company, manufacturer of furniture polish, cleaner and laundry specialties, Cleveland. The American Products plans to move the personnel of the Visco plant to Cincinnati where the manufacture would continue as an American Products subsidiary.

British Chemists Elect

At the twenty-first annual meeting of the British Association of Chemists the following officers have been elected:—President, Dr. J. Vargas Eyre; past-president, J. Bristowe P. Harrison, Prof. I. M. Heilbron, Prof. A. G. Green, James Colquhoun Irvine, Dr. Paul Haas, W. H. Woodcock; registrar, Prof. E. C. C. Baly; treasurer, W. H. Woodcock; editors, H. T. F. Rhodes and J. P. Lawrie.

Research Institute Studies Laboratory Personnel Data

The subject of research laboratory personnel was discussed at round-table meetings of the Industrial Research Institute, held recently in the Engineers' Club, this city. O. A. Pickett, director of the experiment station of the Hercules Powder Company, Wilmington, advocated that men in charge of scientific research keep close contact with members of their staffs. The wider place of women in industrial research laboratories was also discussed. Robert B. Colgate, vice-president in charge of research for the Colgate-Palmolive-Peet Company, Jersey City, presided at the meeting.

The institute, which is an affiliate of the National Research Council, was organized in May, 1938, in order to help establish American industrial research on a more effective business basis through united effort, to pool information and experience, which will best enable each individual laboratory to raise the level of productivity, and to increase the return on invested research dollars.

Fireworks Makers Noted 25 Percent Gain in 1937

Wage earners employed in the manufacture of fireworks and allied products totaled 1,760, against 1,588 in 1935, according to the Biennial Census of Manufacturers, released by the Census Bureau. There were fifty reporting establishments in 1937, against fifty-two in 1935. The cost of materials amounted to $3,695,038 in 1937, against $2,625,025 in 1935.

Summary for Industry

	1937.	1935.
Fireworks and allied products industry, all products, total value.	$8,128,186	$6,504,443
Fireworks and allied products, value	8,068,960	6,425,188
Other products (not normally belonging to the industry)	59,226	79,255
Fireworks and allied products made as secondary products in other industries, value	24,151	26,414
Fireworks and allied products, aggregate value (sum of 2 and 4)	8,093,111	6,451,602
Fireworks, total	3,166,103	2,716,590
Novelty	1,339,565	1,172,237
Display	729,052	612,642
Other fireworks	1,097,486	931,711
Flares or fusees (highway, railroad, marine and aviation)	1,721,439	1,003,666
Railroad torpedoes	420,024	288,796
Safety fuses, miners' squibs, etc	2,776,545	2,442,550

Uruguay Establishes New Tariff Valuation on Drugs, Chemicals

A Uruguayan decree has established thirty-four new tariff valuation classifications in the schedule covering drugs and chemical products. This measure was taken to safeguard government revenue.

Among the new tariff sub-items are the following organic compounds with their fixed official customs valuations in pesos per net kilo:—Stearic acid, 1.00; phenylcinchoninic acid and its derivatives, 3.00; nucleic acid, 18.00; oleic acid, 0.50; trichloro-tertiary-butyl alcohol or chloretone and chlorobutanol, 2.50; acetic anhydride, 0.80; methylcitric anhydride and its derivatives, 1.50; cholesterine, 12.00; choline, acetyl-choline and its salts, 12.00; ephedrine and its salts, 15.00; ethyleneglycol, 2.00; calcium gluconate, 1.20; para-aminobenzenesulphoamide, and its derivatives, 3.00; ethyl para-amidobenzoate, 2.00; carbon tetrachloride, 0.30, and tetraiodiphenolphthalein and its salts, 18.00. The import duty on the above products is 48 percent, plus a surtax of 22½ percent of the fixed official customs valuations.

C.S.A. Party Dec. 29

The Salesmen's Association of the American Chemical Industry will hold its annual Christmas party in the Hotel McAlpin, this city, December 29. Bart Sheehan, of the Grasselli chemicals department of E. I. duPont de Nemours & Co., Empire State building, is in charge of arrangements. The association held a luncheon in the Chemists' Club, December 15, at which Gene Tunney, retired undefeated world heavyweight champion, was the guest speaker.

E. I. duPont de Nemours & Co., Wilmington, was denied by the Federal court, this city, its sought-for injunction against the Pathe Film Corporation to keep the latter from transferring to its stockholders 3,500 voting shares in the duPont Film Manufacturing Corporation.

WORLD MARKETS ARE MUTUAL MARKETS

Mutual's Chromium Chemicals are consumed throughout the world. The Chrome Ore is processed into Bichromates and other products, then shipped to Europe, Asia, Africa or South America.

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Bichromate of Soda Chromic Acid
Bichromate of Potash Oxalic Acid

MUTUAL CHEMICAL COMPANY

Mutual Chemical Company of America - - - 270 Madison Avenue - - - New York City

Dyestuffs, Textile and Leather Chemicals

Corn Derivative Schedules Adanced to Original Basis—Leaf Sumac And Wattle Barks Higher—Myrobalans Easier—Soda And Potash Prussiate Prices Extended

Trade in the market for dyestuffs, textile and leather chemicals continued to display further signs of leveling off last week. Commitments were held to modest proportions in practically all divisions of the market at this time. While current business was seasonally tapering off, prospects for the first quarter continued cheerful in most basic consuming industries. Changes in the market included higher prices for corn starch, dextrin, leaf sumac and African wattle barks; lower quotations were recorded for sulphonated tallow oils, J1 and J2 myrobalans.

Corn derivatives displayed firmness, and the extension of quotations announced the previous week on the old price basis was rescinded; sellers booking business on the price level published November 21, which were 10c. per 100 pounds higher. Business will be booked on this basis to December 17; shipment to be made at the seller's option to January 11. The reason for the extension of the old prices from the original deadline was attributed to the large volume of orders booked, and the fact that many large buyers preferred to have orders arrive after the first of the year. However, subsequent developments in the raw commodity market forced prices back to the higher level.

A sharp increase was recorded for ground sumac to feature the tanning materials. Wattle barks recorded a slight increase, while J1 and J2 myrobalans were easier, cancelling some of the increase reported the previous week. Sulphonated tallow oil reflected to some degree the easier tone prevailing in tallow oil. Quotations will remain firm in soda and potash prussiates for the early part of next year. Bichromates moved moderately, with contract renewal work well under way. Egg products were without particular feature pricewise. Proposed definitions and standards of identity for egg products were published December 15 by the Food and Drug Administration of the Department of Agriculture under the new food, drugs and cosmetic act, and a hearing on them scheduled for January 23.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Dextrin, corn, 10c. per 100 lbs.
Starch, corn, 10c. per 100 lbs.
Sumac, leaf, $3 per ton.
Wattle bark, E. African, 50c. per ton.
S. African, 50c. per ton.

Reduced

Myrobalans, J1, $1 per ton.
J2, $1 per ton.
Tallow oil, sulphonated, ½c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.1	**147.0**	**147.0**	**155.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—The call from the textile and dyestuff trade was steady. Sellers were booking contracts for the early part of next year at current levels.

Potash Bichromate. — Business was along moderate lines in most directions last week. Sellers were busily engaged in contract renewals for next year.

Potash Prussiate.—Quotations will remain firm into the early part of 1939. Commitments were of a modest character in most directions.

Soda Bichromate.—Interest in the market continued steady, although volume of business tapered off somewhat from recent weeks. Sellers report a satisfactory amount of contract renewal work accomplished to date.

Soda Prussiate.—Prices will be carried into next year at current levels. A fairly good inquiry was uncovered in most quarters throughout the past week.

Sulphonate Oils.—Various grades of tallow sulphonated oils were lowered ½c. per pound. Quotations for the castor and olive sulphonated oils remained unchanged. A steady movement of material was uncovered in most major consuming channels recently.

Zinc Dust.—The market was without further price adjustment, and the quotations established two weeks ago were well maintained. Business was along routine lines for the most part.

Dyestuffs

Annatto.—Commitments were confined to moderate proportions in most cases last week. Pricewise the market noted no alteration.

Cochineal. — The market received fairly broad attention, although most commitments were held to urgent requirements. Prices were steady to firm.

Logwood.—Contract renewal work for next year was well under way in most quarters, with good progress reported to date. Usual consumers supplied the call for fair size quantities.

Tumeric. — Developments of importance were lacking in this direction, and prices were without change.

Sizing Materials

Egg Albumen.—Business showed some signs of broadening, but still was far below normal in most directions. Pricewise the market lacked any feature and a steady to firm tone prevailed.

Corn Sugar.—Prices reported in the November 21st issue, which are 10c. per 100 pounds higher, will become effective immediately, bookings to be made on this basis for specifications received to December 17; shipment to be made at seller's option until January 11. Quotations follow:—car lots, barriers, delivered, $3.05 per 100 pounds and ex warehouse $3.15 per 100 pounds.

Dextrin.—Prices will be advanced 10c. per 100 pounds immediately, with business being booked until December 17 on this basis; shipments to be made at sellers option in the ensuing 25-day period. Prices follow:—British gum, car lots, f.o.b., Chicago, $3.65 per 100 pounds; canary, bags, car lots, same basis $3.40 per 100 pounds, and white, car lots, same basis, $3.35 per 100 pounds. Less car lots are 20c. per 100 pounds higher. A good demand and firmer prices for the basic commodity were advanced as the reason for the higher quotations.

Egg Yolk.—A firm tone continued to predominate in this direction. Withdrawals were confined to necessary requirements in the majority of instances.

Starch.—Various grades of corn starch will be advanced 10c. per 100 pounds, effective immediately, with bookings to be made by December 17 at this level; shipments to be made at seller's option to January 11. Corn grind for the month of November of eleven refiners of syrups, starches, sugars and other derivatives of corn totaled 5,993,174 bushels, compared with 6,105,872 bushels in the preceding month, and 6,108,155 bushels in the corresponding month a year ago according to the Corn Industries Research Foundation. For the first eleven months corn grind aggregated 60,313,619 bushels, compared with 60,764,811 bushels in the same period last year.

Tanning Materials

Gambier.—A scarcity of the common material kept quotations normal, while a firm tone was evident for the plantation and cubes. Extract prices were firm for the early part of next year.

Myrobalans.—Quotation for J1 myrobalans declined to $24 per ton; J2 myrobalans were lowered to $17 per ton. Sellers were adhering to a cautious purchasing policy at this time.

Quebracho.—Sellers were engaged in renewing contracts for the early part of next year at current levels. Current business was quiet.

Quercitron.—Prices will remain firm forfor the early part of next year. Demand was moderate in most directions last week.

Sumac.—The leaf material advanced to $73 per ton, while the ground held firm at $67 per ton. Commitments were for nearby needs.

Wattle Bark.—East and South African quotations were advanced to $37 and $39 per ton, respectively. Business was routine.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Malonic Acid Production Started by Gable Company

Malonic Acid production in a pure form has been started by the Howard S. Gable Company, fine chemical manufacturer, of Kansas City, Kan. New developments in process of manufacture are said to make possible a highly purified grade and reduction of cost of the acid. It is forecast that this decrease in expense of malonic acid will broaden its field of application. Among the specifications of the newly offered malonic acid are:—Fine, snow-white crystals with a slight odor and sharply acidic taste. Melting point, 134-6° C. Solubility in acetone, acetic acid, alcohol, ether, and water; insoluble in benzene, carbon tetrachloride, chloroform, and toluene.

Soda Bicarbonate Output Gained Sharply in 1937

Production of refined sodium bicarbonate in 1937 amounted to 142,161 tons, basis 100 percent, valued at $3,606,271, according to preliminary figures compiled from returns of the recent Biennial Census of Manufacturers, released by the Bureau of the Census. This compared with 136,556 tons in 1935, valued at $3,658,321 in 1935. There were five establishments producing the product in 1937, compared with four in 1935.

Electroplating Business Noted Broad Increase in 1937

Establishments engaged primarily in electroplating, to a large extent on commodities produced and owned by others, reported that the wage earners in this industry increased from 6,238 in 1935 to 8,256 in 1937, and wages totaled $9,827,777, compared with $6,941,180 in 1935. The total "value of products" (principally amounts received for work done on materials owned by others) was $26,686,411, exceeding the 1935 figure by 45.6 percent. There were 546 reporting establishments, against 553 in 1935, according to the Bureau of Census.

Mine fires sealing procedure is described in a new bulletin of the Bureau of Mines of the United States Department of the Interior. Procedure in unsealing mine fires and in recovery operations following mine explosions also is described. The bulletin has eighty pages, with twenty-seven figures. It is procurable from the Superintendent of Documents, Government Printing Office, Washington, at 15 cents a copy.

Bids Wanted

Cocoa:—8,500 pounds for Eastern yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5123, opening January 24.
10,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5123, opening January 24.
Dimethylanilin:—21,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 457, opening December 27.
Milk, Powdered:—60,000 pounds; Naval Supply Depot, Norfolk, Va.; schedule 320, opening December 19.
Mineral Spirits:—2,500 gallons for reducing paints and varnishes; Superintendent of Industries, Federal Prison Industries, Lewisburg, Pa.; procurement 626, opening December 27.
Oil, Fuel:—105,000 gallons; U. S. Engineer Office, Philadelphia, Pa.; procurement 208, opening December 22.
Quenching:—1,500 gallons; Commanding Officer, Springfield Armory, Mass.; procurement 210, opening December 21.
Salt:—11,450 pounds; Procurement Division; Bureau of Supply, Treasury Department, Washington; procurement 500-S, opening December 19.
Saltpeter:—15,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; procurement 571, opening December 27.
Soap, Castile:—3,000 pounds; Quartermaster Supply Officer; Army Base, Brooklyn; procurement 626-125, opening December 30.
Grit:—20,000 cakes; Quartermaster Depot, Chicago; procurement 199-107, opening December 27.
Soda, Caustic:—18,400 pounds, flake; Quartermaster Supply Officer, Army Base, Brooklyn; procurement 6262-104, opening December 22.
Spices:—Supplies for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 5123, opening January 24.
Van-Dyke Brown:—600 pounds; Supply Officer, Navy Yard, Portsmouth, Va.; requisition 13-625 NSAF, opening December 20.
Wax, Floor — 2,580 pounds; Purchasing Agent, Post Office Department, Washington; procurement 1479, opening December 23.
Zinc, Slab:—50,000 pounds; Supply Officer, Norfolk Navy Yard, Portsmouth, Va.; requisition 530 (39) NSAF, opening December 21.

Penna. Chemical Society Names Harrisson President

—Continued from page 3

cal College; Russell C. Miller, of State College; John E. Cavelti, of Allegheny College, Meadville, Pa.; Allison B. Evans, Erie; Howard M. Cyr, Britton A. Shippy, both of Palmerton; Ralph W. Bridges, of the Aluminum Company, New Kensington; D. T. Jackson, Erie; C. G. King, of the University of Pittsburgh; Lyle L. Jenne, secretary of the Philadelphia section of the American Chemical Society, and William B. Meldrum, of Haverford College.

Carbide & Carbon Issues Folder on Morpholine Polishes

The Carbide and Carbon Chemicals Corporation, this city, has a folder entitled, "Comments on Morpholine in Wax Polishes." This folder gives practical information on the use of morpholine in the manufacture of water-resistant polishes. It tells how to prepare resin solutions to assure polishes yielding a smooth, even finish and discusses improved formula for the production of any of a variety of desired results. Copies of this folder can be obtained from the office of company.

T. J. Frier retired December 1 as purchasing agent for the Wabash Railway Company and the Ann Arbor Railroad Company.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
Natural BICHROMATES

"NIAPROOF"*
ALUMINUM SALTS FOR WATER REPELLENT TREATMENTS

Especially developed for the modern concentrated water repellent preparations, "Niaproof" contains 37 to 39% active Al_2O_3. It is readily soluble in water giving solutions of 5.1 to 5.4 pH depending on concentration; which can be reduced if desired to a pH range of 3 to 4 by the addition of Glacial Acetic Acid.

"Niaproof" B is a more basic type of aluminum acetate salt containing 35% active Al_2O_3. Solutions have a pH range of 4.7 to 4.8; which can also be lowered by the addition of Acetic Acid.

Samples of both grades are available on request. *Trademark

NIACET CHEMICALS CORPORATION P.O. BOX 460 NIAGARA FALLS, NEW YORK

Gum Importers Ass'n Elects T.J. France President

T. J. France, of France, Campbell & Darling, Inc., was elected president of the American Gum Importers' Association at the annual meeting of the organization held December 13 in the hotel Lafayette, this city. Mr. France succeeds Hendrick E. Hendrickson, of S. Winterbourne & Co., who retired after eight successive terms of office. O. G. Inness, of the O. G. Innes Corporation, was chosen vice-president, and John Young, of Gillespie-Rogers-Pyatt Company, was elected secretary-treasurer. The officers together with A. Scharwachter, of the American Cyanimid Company, and Michael Fried, of William H. Scheel, Inc., constitute the board of directors.

Sherwin-Williams Co. Sales Higher in November

Cleveland, Dec. 13, 1938

Sales of Sherwin Williams Co. in November were 6.3 percent above the similar 1937 month and for the three months ended Nov. 30 showed an increase of one percent over a year ago, it was reported at the company's annual meeting today. Increase in sales is largely due to repainting and refinishing rather than for use on new construction, George A. Martin, president, told stockholders. Outlook for the new fiscal year appears much better than operations in the one ended Aug. 31 last because of the upward trend in sales, reduced operating expenses and resulting improved margin in gross profit, he added.

Godfrey Cabot Donates Funds For Awards in Journalism

Dr. Godfrey L. Cabot, president of Godfrey L. Cabot, Inc., manufacturer of carbon black, Boston, has provided Columbia University Pulitzer Graduate School of Journalism with funds for the establishment next year of two to five annual prizes in journalism aimed at building up sympathetic understanding among the peoples of South, Central and North America. To be known as the Maria Moors Cabot Prizes, the awards will be the first of their kind on an international scale in the Western Hemisphere and will be bestowed on the same broad scale as the Pulitzer prizes.

Paint-Up Bureau Gets Health Award

The National Negro Health Week Committee, of which Dr. Roscoe C. Brown of the United States Public Health Service is chairman, has awarded to the National Clean Up and Paint Up Campaign Bureau a certificate of merit for achievement in the regular annual observance of National Negro Health Week. The literature for this movement is printed by the government in the Government Printing Office in Washington, and regularly calls attention to the suggestions of the National Clean Up and Paint Up Campaign Bureau for community betterment.

Vincent Harris Olson, founder of Volsonite Enterprises, Ltd., specialist in waterproofing agents and construction treatment, is spending some weeks in the East. He is interested in discussing with paint manufacturers and others the manufacture and application of "Volsonite" products in various territories. Mr. Olson may be reached through the office of the REPORTER.

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● C. P. Chrome Yellow Medium Y-469-D is a new yellow of exceptional value. It possesses greater strength than the average Medium Yellow combined with a degree of lightfastness unusual in high strength yellows. It is clean and possesses good grinding and working properties. The same degree of effort is expended in the maintenance of quality and uniformity through production control on our C. P. Chrome Yellows as is required in making the more expensive organic colors.

Balto. Production Club Hears About Dry Colors

The Baltimore Paint and Varnish Production Club voted, at its December meeting, that no trade names be submitted to firms which request specific information concerning any materials for experimental use in the preparation of a technical paper by the club. It was suggested also that firms requesting such information be supplied with a sample of the material, but that trade names and manufacturers' names be withheld.

Henry A. Reddy, of the Krebs Pigment Company, gave a talk on the "Formulation of Finishes with Dry Colors." George A. Sutherland has been appointed to deliver an appropriate memento from the club to Elmer Shuler, a retired president, who is convalescing from an appendectomy. A committee was appointed to cooperate with the National Paint, Varnish and Lacquer Association in defense of the paint industry against the practice of States manufacturing paints for State use by the employment of prison labor. The club plans a "Night Club Party." The Baltimore Paint, Varnish and Lacquer Association has accepted the invitation of the club to hold a joint Christmas party.

Minerals and Earths Grinding Noted Improvement in 1937

A slight increase in employment and considerable increases in wages and value of products were reported by establishments engaged in grinding or otherwise treating minerals and earths for 1937 as compared with 1935, according to preliminary figures compiled from returns of the recent Biennial Census of Manufactures, released by the Bureau of the Census.

The number of wage earners employed in 1937 was 4,539, against 4,258, the number reported for 1935, and wages paid last year, $4,897,581, against $3,614,118 reported for 1935. The value of the products of this industry for 1937, $27,160,982, compared with the 1935 figure of $21,544,977. The number of establishments is 157 in 1937, against 161 in 1935. The cost of materials was $11,612,565, against $8,686,143.

This industry, as classified for census purposes, embraces establishments engaged primarily in the grinding or pulverizing of certain earth, rocks, or minerals such as barytes, borax, chalk, clays, Cornwall stone, corundum, emery, feldspar, kaolin, mica, pumice, quartz, silica, sulphur, talc, etc.

Trade Briefs

Barber Asphalt Corporation has moved its executive offices from Philadelphia to the company's plant at Barber, N. J.

Cincinnati Paint, Varnish and Lacquer Association will observe "Ladies' Nite" with a dinner-dance in the Netherland Plaza hotel January 28.

Clean up and paint up campaign in Watertown, N. Y., resulted in a total of 7,005 paint jobs, of which 1,060 were houses, 1,237 porches and 1,525 screens.

C. M. Mills has been elected chairman of the directorate of the American Products Company, Cincinnati. Harold Hoskins has been named treasurer and a director.

V. J. Dolan & Co., manufacturer of wood-finishing supplies, Chicago, has purchased a vacant piece of property adjoining its plant site in contemplation of increasing its manufacturing facilities and installing additional tankcar storage.

Baltimore Painting and Decorating Contractors of America has petitioned the mayor and city council against the practice of the municipal authorities having city work done by day labor instead of letting such jobs out on contract.

Alexander Milburn Company, manufacturer of spray finishing equipment and cutting and welding apparatus, Baltimore, has appointed Frank P. Snyder as sales representative in Detroit. He was formerly sales engineer for the DeVilbiss Company.

Valspar Corporation, this city, has appointed A. P. Barberi as trade sales manager. Mr. Barberi has been with Valentine & Company, Inc., for twenty-seven years. For the past five years he has been manager of the Southeastern trade sales district and of automotive refinishing sales.

Paint, Varnish, Lacquer Materials

Carbon Black Makers Rescind Price Advance Slated for January 1 —Competition Forces Abandonment of Higher Price Ideas—Rosin Receipts Smaller

The week's outstanding development took place in the carbon black market where sellers abandoned their plans to increase the price on the first of the year. A boost in prices had been slated for January 1 but when it was reported that some January business had been placed at the lower prices that were to have expired with the end of this month, the black manufacturers abandoned their attempts to obtain the prices that would have been somewhat more profitable for them in 1939. Other price developments in the market for paint, varnish and lacquer materials were centered principally in the group of natural varnish resins. The changes in gums were all declines. Film scrap was also reduced.

Rosin and turpentine were quiet in Southern and local markets last week so far as new business was concerned, purchasing being limited as a rule to comparatively small or moderate quantities as usual at this period of the year. The prevailing tone in primary centers was steady, however, as receipts were smaller with the indications pointing to a further shrinkage in production and marketing in the near future.

The November building construction amounted to $89,648,169, according to reports to Dun & Bradstreets from 215 cities. This was the highest November figure since 1930 and marked a gain of 28.8 percent above the $69,588,965 for November, 1937. Compared with the October total of $97,111,919, the decrease was only 7.7 percent, against a seasonally expected drop of about 12 percent.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Turpentine, gum, ½c. per gal.

Reduced

Film scrap, all grades, 1c. per lb.
Gum, copal, E.I., bold black unscr., ½c. per lb.
pale Rasak nubs, ⅝c. per lb.
Pontianak chips, ⅜c. per lb.
dammar, Singapore, 1, 2, seeds, ⅜c. per lb.
chips, 1⅜c. per lb.
Rosin, gum, medium grades, 2½c. to 5c. per 280 lbs.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.7	131.7	131.1	131.6

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead prices held at the reduced levels established a week ago. The market was 4.75c. to 4.80c. per pound in New York, and 4.60c. per pound at East St. Louis. There was not much of a call for metal. London improved slightly.

Zinc prices were also unchanged during the week. The East St. Louis price was 4½c. per pound. Galvanizers did not show much of an interest in the market.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from December 10 to December 16, inclusive, were as follows:—

	Pigs			
	Per pound		Spot, London. Per ton	
	New York.	E. St. Louis.	£	s. d.
Saturday	$0.0475@.0480	$0.0460	..	.. ..
Monday	.0475@.0480	.0460	14	13 9
Tuesday	.0475@.0480	.0460	14	13 9
Wednesday	.0475@.0480	.0460	14	11 3
Thursday	.0475@.0480	.0460	15	2 6
Friday	.0475@.0480	.0460	15	0 0

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from December 10 to December 16, inclusive, were as follows:—

	Slabs			
	Per pound		Spot, London. Per ton	
	New York.	E. St. Louis.	£	s. d.
Saturday	$0.0490	$0.0450	..	.. ..
Monday	.0490	.0450	13	12 6
Tuesday	.0490	.0450	13	12 6
Wednesday	.0490	.0450	13	8 9
Thursday	.0490	.0450	13	15 0
Friday	.0490	.0450	13	15 0

Pigments

Pigment materials moved in very quiet fashion last week. Buyers were indisposed to take in supplies for inventory purposes and the sellers of these materials did not look for much in the way of activity until after the turn of the year. Much of the contracting for 1939 has been completed. Metallic lead prices held in an even position at the recently reduced levels. There were no price changes reported in the pigment materials division of the market last week.

White Lead.—The recent reductions in metallic lead prices did not influence the position of this derivative. The sellers have been closing contracts for the first quarter of 1939 which had been offered at an increase over the contract price for the current quarter.

Red Lead.—In the absence of any further change in the position of the metal market, the carload prices for dry red lead were unchanged last week. As reported a week ago, the l.c.l. or so-called car lot prices were advanced ¼c. per pound December 9.

Litharge.—The market's position was companionate with that of red lead. There were no changes in the car lot or l.c.l. prices last week, the latest change having occurred on December 9. The demands of the market were very quiet.

Lithopone.—Most of the contracting for the coming year has been negotiated. There was very little material moving into consumption now and the sellers expected that the market would continue quiet until after the turn of the year.

Titanium Pigments.—Titanium dioxide and the compound pigments continued steady and unchanged in price. The sellers have been booking contract business for next year since the middle of November. In company with other pigments, the deliveries against expiring contracts were light.

Zinc Oxides.—The recent reductions in metallic lead prices did not influence the position of leaded zinc oxides. The sellers were not able to move much material out against current contracts but have been quite busy booking business for the fore part of 1939.

Fillers and Extenders

Inert pigments, fillers and extender products shared in the pre-inventory dullness of the general market. Buyers were indisposed to add to their stocks at this time and the suppliers of the products expected the usual period of quiet that is experienced towards the end of the year. There were no price movements reported.

China Clay.—There has been no change in the structure of prices for either the domestic or the imported material. Demands have been mild.

Talc.—Advices from the producers of the flake type product in Ohio indicate that the prices continued unchanged at $21 per ton for carloads and $24.50 per ton l.c.l., both f.o.b. mills.

Dry Colors

The increase in carbon black prices that was scheduled to take place on January 1 has been rescinded. Prices for all grades of carbon black will start the new year at the current low levels and will continue so for the first half of 1939 at least. Chemical color manufacturers were writing contracts for 1939 and as reported a week ago the only change from 1938 prices was in the lithols, which were reduced. Sup-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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information and prices

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pliers of earth colors have not reported any change in prices.

Carbon Black.—The increases slated for January 1 will not take place. The scheduled advance was rescinded last Monday. The basic price for standard grades of black will remain at 2¼c. per pound in bags or bulk, and, the price will continue at this level for at least the first six months of 1939. Just when it had appeared as though the competitive pressure in the market had lifted, and, when it looked as though the manufacturers of black would hold at the advance announced for effect on the first of January, one of the sellers was reported to have been accepting business for January, 1939, delivery at the lower prices which were to have expired on December 31. Other sellers rescinded the move to increase the prices and the market returned to the low level that has prevailed throughout this year.

Chrome Colors.—As reported a week ago, sellers have been booking 1939 business at unchanged prices, subject to quarterly adjustment.

Iron Blues.—Sellers of Prussian, Chinese, Milori and other blues in this group were also booking 1939 business at unchanged prices.

Lithol Toner.—The producers were offering 1939 contracts at a reduction of 7c. per pound from the 1938 level. Contracts are being written for the full year, subject to quarterly price adjustment, at 68c. per pound. The open order price is 73c. per pound.

Mercury Oxides.—There has been no further change in the market since the 10c. per pound increase in technical red and yellow oxides a week ago.

Ultramarine.—The market continued in a characteristically steady position. The major portion of the interest shown was in contracts for 1939.

Varnish Gums

The natural resin market contained further reductions in price last week. Most of the recent weakness in the replacement costs results from the shift in exchanges and the primary markets have been fairly steady. There has been a fair volume of gum shipped out against contracts but there has not been much new business in the market.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Copals.—Pale Rasak nubs were reduced ⅜c. per pound to the basis of 10c. per pound; bold black unscraped gum was off ¼c. per pound to the basis of 4½c. per pound, and Pontianak chips were lowered ⅜c. per pound to the basis of 8¼c. per pound. The aforementioned prices are for carload lots and are subject to usual differentials for smaller quantities.

Dammars.—The Singapore gums underwent price decline last week. No. 1 grading was off ⅜c. per pound to the basis of 15¼c. per pound; No. 2 declined ⅜c. per pound to 11¼c. per pound; chips were lowered 1⅜c. per pound to 9¼c. per pound, and seeds were off ⅜c. per pound to 7⅜c. per pound. These prices were also for carload amounts and subject to usual differentials for smaller quantities.

Synthetic Resins

The ester gum market has not undergone any appreciable change since last reviewed. The sellers were still indisposed to offer contracts for the future as they do not wish to commit themselves ahead at the current low selling prices. The basic price in the market is 6¼c. per pound.

Naval Stores

A further decrease in the movement of rosin and turpentine from the interior to primary markets was noted last week but aside from this the general naval stores situation lacked features of more than ordinary interest. Less was heard about export takings of rosin, although foreign inquiries were not entirely lacking, while purchasing of that commodity as well as turpentine by domestic interests was rather light as usual at this period when consumers and dealers are preparing for the work of inventory taking. Consumption of turpentine in painting operations appeared to be holding up rather well, however, as building continues active, while the movement of rosin into consuming channels in the paper industry was said to be on a fair scale though smaller than recently in the case of some other important consuming industries.

Changes in rosin quotations were generally within comparatively small limits and the prevailing tone in the South was regarded as steady. A further shrinkage in the movement of rosin and turpentine to seaboard markets was expected in the near future and predictions continued to be heard that production and marketing operations during the final quarter of the naval stores season would prove to be unusually small with the possibility of bringing about a considerable increase in demand and higher prices, especially for rosin. There was still a tendency in some quarters to further scale down estimates of the quantity to come forward during the final quarter of this season, it being contended that less than 5 percent remains to be marketed.

Turpentine production in the Guadalajara area of Mexico during October was approximately 18,000 gallons, according to a consular report. The United States purchased 16,362 gallons of the total output, leaving a stock on hand of approximately 2,000 gallons. Rosin output for the month was reported to be about 200 metric tons. There were no exports of rosin to the United States, and the stocks on hand increased to 440 metric tons. Sales of rosin to domestic and foreign markets probably amounted to 160 metric tons.

Turpentine.—A steady tone prevailed in the local market, although there was little to record in the way of activity, such transactions as were reported being limited to small lots to meet the current needs of consumers and dealers. Daily offerings in Southern markets were reported as light. Receipts showed a further decrease, as had been expected.

SAVANNAH, Dec. 16.—The turpentine market had a steady tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
*Saturday...	..	...	...	...	.....
Monday.....	21½	119	187	826	52,914
Tuesday....	21¼	40	314	25	53,203
Wednesday.	21¼	9	214	35	53,382
Thursday ..	21½	102	171	975	52,578
Friday	22	10	292	...	52,870

* No trading.

CHICAGO, Dec. 16.—Inquiries for turpentine continue fair, but there is no broadening of purchases. Ruling prices at the close of business last night were:—Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

JACKSONVILLE, Dec. 16.—Turpentine was quiet with the tone of the market steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
*Saturday...	..	...	...	...	.....
Monday.....	21½	54	221	2	50,242
Tuesday....	21¼	31	222	...	50,464
Wednesday.	21½	19	174	...	50,638
Thursday ..	21½	23	154	1	50,791
Friday	22	14	143	2,805	48,129

* No trading.

PENSACOLA, Dec. 10.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
Monday	107	...	31,642
Tuesday	81	283	31,440
Wednesday	93	...	31,533
Thursday	67	163	31,437
Friday	98	121	31,414
Saturday	60	162	31,312

LONDON, Dec. 16.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	32	3
Monday	32	3
Tuesday	32	3
Wednesday	32	3
Thursday	32	3
Friday	32	3

Stocks of American turpentine in London were:—

	Dec. 16.	Previous week.	Last year.
Barreys	29,817	30,725	29,385

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Rosin.—Quiet conditions continued to prevail in the local market last week. Aside from a further decrease in receipts there was nothing stimulating in developments in primary centers and purchasing here was limited to comparatively small or moderate quantities, the movement of such lots in the aggregate being unimportant. Price changes were narrow in company with the course of quotations in Southern markets.

SAVANNAH, Dec. 16.—Changes in rosin quotations were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.60	$3.70	$3.60	$3.65	$3.70
D	4.05	3.95	3.85	3.90	3.95
E	4.15	4.05	3.95	4.09	4.10
F	4.25	4.15	4.12½	4.15	4.25
G	4.35	4.25	4.17½	4.20	4.30
H	4.35	4.25	4.17½	4.20	4.30
I	4.35	4.25	4.17½	4.20	4.30
K	4.35	4.25	4.20	4.22½	4.32½
M	4.35	4.35	4.20	4.22½	4.32½
N	5.30	5.30	5.30	5.30	5.35
WG	5.75	5.75	5.75	5.75	5.80
WW	6.30	6.30	6.30	6.30	6.30
X	6.30	6.30	6.30	6.30	6.30
	Barrels				
Sales	120	376	654	455	250
Receipts	934	1,347	908	910	540
Shipments	1,100	675	100	815	370
Stocks	313,120	313,792	314,501	314,596	314,766

* No trading.

JACKSONVILLE, Dec. 16.—Domestic and export trade in rosin was quiet. Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.60	$3.60	$3.60	$3.60	$3.60
D	3.75	3.75	3.85	3.85	3.85
E	4.10	4.00	3.95	3.95	3.95
F	4.25	4.15	4.12½	4.12½	4.25
G	4.30	4.25	4.17½	4.17½	4.30
H	4.30	4.25	4.17½	4.17½	4.30
I	4.30	4.25	4.17½	4.17½	4.30
K	4.32½	4.25	4.20	4.20	4.32½
M	4.35	4.25	4.20	4.20	4.32½
N	5.30	5.20	5.20	5.20	5.35
WG	5.75	5.75	5.75	5.75	5.75
WW	6.30	6.30	6.30	6.30	6.30
X	6.40	6.40	6.40	6.40	6.40
	Barrels				
Sales	176	275	44	...	40
Receipts	814	715	500	675	709
Shipments	...	20	11	115	1,515
Stocks	272,312	279,007	279,505	280,065	279,262

* No trading.

PENSACOLA, Dec. 10.—The rosin market continued quiet. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	463	383	439	280	396	370
Shipments	...	425	...	96	1,015	220
Stocks	77,387	77,545	77,984	78,258	77,639	77,789

CHICAGO, Dec. 16.—Business in rosin has been held down to such a low ebb that the situation apparently has little or no chance to develop a genuine trend. Ruling prices at the close of business last night were:—B grade, $6.70 per lot of 280 pounds; G grade, $7.25; M grade, $7.35; W.W. grade, $9.30.

LONDON, Dec. 16.—Quotations on American rosin were as follows:—

	Per cwt. in barrels	
	Common.	W.W.
	s. d.	s. d.
Saturday	14 4½	18 9
Monday	14 4½	18 9
Tuesday	14 1½	19 0
Wednesday	14 1½	19 0
Thursday	14 1½	19 0
Friday	14 1½	19 0

Pine Oil.—The market remained in a steady position. There was little change in the character of business, consumers being disposed as usual at this period of the year to follow a conservative course in making purchases.

Pitch.—Quotations were stationary with the tone of the market steady. There was a fair movement of moderate quantities to local and other consumers.

Rosin Oil.—Local quotations for spot material were generally maintained at former levels in the absence of any wide fluctuations in Southern markets for basic material. Trade was routine.

Tar.—Conditions remained about as noted in the previous week, the market being quiet so far as new business was concerned though consumption was said to be holding up fairly well. The market was steady.

Shellac

Shellac was a quiet commodity throughout the past week. Agents for primary market shippers indicated that they had done very little business during the period under review. Also, spot dealers said that their sales of goods to be shipped in the new year had not been substantial. A fair delivery against existing contracts was a fairly general experience but in the main the market was an entirely routine affair from all points of view. Prices on spot lacked quotable change. They were on the low side and highly attractive for a coverage of requirements that were far under normal last week. Quotations in the London and Calcutta markets advanced moderately during the first three days of the week but a slight

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reaction downward followed. However, the net effect on replacement costs was a small fraction advance over prices prevailing at the close of the previous period.

Calcutta, Dec. 16.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound— Dec. 16.	Dec. 9.
December	10½c.	10¼c.

Day-to-day prices were as follows:—

	Per pound.
December 9	10¼c.
December 10	10¼c.
December 12	10½c.
December 13	10½c.
December 14	10½c.
December 15	10½c.
December 16	10½c.

London, Dec. 16.—Prices quoted on London standard T.N. shellac, basis of sterling exchange of $4.88, were as follows:—

	—December 16— Shillings. Cwt.	Cents. lb.	—December 9— Shillings. Cwt.	Cents. lb.
March	39¾	8.66	39	8.50
May	40¾	8.88	40	8.72

Day-to-day closing prices were as follows:—

	—Per hundredweight— March.	May.
December 9	39s ..	40s ..
December 10	39s 3d	40s 3d
December 12	39s 6d	40s 6d
December 13	40s 6d	41s 6d
December 14	40s 6d	41s 6d
December 15	40s ..	41s ..
December 16	39s 9d	40s 9d

Lacquer Materials

Business in the market for lacquer materials and solvents was moderately active in most directions last week. However, there was some caution noted at this time as the year-end inventory period approaches. Price changes last week included lower prices for various grades of film scrap. Other quotations were well sustained, and sellers were actively engaged in booking contracts for the first quarter of next year at prevailing levels. Automotive production continued to hold up very well, revised estimates of November automotive production totaled 378,000 units, marking the first month this year in which production was above that for the corresponding period a year ago. Consumption of crude rubber by manufacturers in the United States last month is estimated at 46,048 long tons, against 40,333 in October, and 34,025 tons in November last year, according to the Rubber Manufacturers Association.

Acetone.—A steady interest was again evident in this direction from most consuming interests. Sellers were engaged in booking contracts for the first quarter of next year at current levels.

Butyl Alcohol.—Shipments of the normal and secondary material was moderately active throughout the past week. Contract work for the early part of next year at present levels was well underway in most quarters.

Cellulose Acetate.—A good interest was displayed in the market at the new price basis established a few weeks previous. Activity in the automotive and allied trades was a stimulating factor.

Dibutyl Phthalate.—The call from the plastic and lacquer trade continued to give a comparatively good account of itself last week. Sellers were renewing contracts for the early part of next year at present levels.

Ethyl Acetate.—Sellers were actively engaged in booking contracts for the first quarter of next year at the lower quotations reported previously. Current business was moderate.

Film Scrap.—Quotations for various grades of film scrap were 1c. per pound lower. The schedule follows:—Dark colors, cases, 1,000 pounds or over, 10c. per pound; smaller lots, 11c. per pound; light, cases, 10,000 pounds or over, 11c. per pound; smaller quantities, 12c. per pound; water white, cases, 1,000 pounds or over, 12c. per pound, and smaller quantities, 13c. per pound. A fair interest was reported in the market, but the competition remains keen.

Driers

According to current indications, the prices on stearates and palmitates for the first quarter of 1939 will be made known this week. In the meanwhile there has not been much material moved against the contracts that expire at the end of this month.

Glues and Binders

Casein.—The market was very dull. The prices for carloads of 20-30 mesh material continued at 8c. to 8½c. per pound and the 80-100 mesh was ½c. per pound additional.

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The "greatest construction congress the world has ever called" will be held on Treasure Island and in San Francisco during the 1939 Golden Gate International Exposition.

The congress will offer "a permanent solution to the unemployment problem, the greatest evil of the century," it was said by San Francisco's chief administrative officer, Alfred J. Cleary, at the conclusion of preliminary convention negotiations. C. H. Purcell, California State Highway Engineer, was appointed chairman of the congress.

Twenty-five thousand builders and contractors engaged in both light and heavy construction are expected to attend the affair, which will be held March 5 to 10. Included will be the memberships of the American Road Builders Association, the Associated General Contractors of America, Associated Equipment Distributors, the Western Association of State Highway Officials, and the California County Supervisors Association. Implement manufacturers will provide a comprehensive exhibit of the latest machines utilized in the industry.

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This congress will answer the oft-expressed desire for a new frontier in the development of which surplus labor will be employed. It will prove to economists that, while the old frontier is rapidly passing, the advancing standard of human life is furnishing a new frontier as fast as old ones are torn down. There are millions of man-hours of labor desperately needed in America to bring our facilities for human life up to the standards brought about by the advancement of applied science.

Society must be ever building to maintain its people in work, and the advance of science furnishes us with new blueprints to guide us. This congress will chart a course toward tremendous public and private improvements. These builders will offer a permanent solution to unemployment.

N.Y. Paint Clubs Party Had Large Attendance

The New York Paint, Varnish & Lacquer Association and the New York Paint & Varnish Production Club held their annual joint Christmas party, December 15, at the Hotel Biltmore, this city. There were 586 members and guests present. Louis Gillespie, chairman of the entertainment committee, presented an excellent show.

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Chrome Yellows
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Ultramarine Blue
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LOUISVILLE, KENTUCKY
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Distillers of Coal Tar Products

WILSON & BENNETT MFG. CO. CHICAGO NEW ORLEANS JERSEY CITY PORT ARTHUR

PEERLESS CLAY For the PAINT INDUSTRY
R. T. VANDERBILT CO., Inc.
230 PARK AVENUE :: NEW YORK CITY

Oils, Fats, and Waxes

November Cottonseed Oil Consumption 263,024 Barrels—Moderate Changes in Prices—Chinawood and Perilla Oils Advanced —Linseed Up—Tallow and Greases Lower

Miscellaneous oils, fats and greases were generally quiet last week. An increase was reported in the volume of inquiries for certain vegetable products but as a rule purchasing was of the small-lot variety usually witnessed at this period of the year when consumers of raw materials of various kinds are disinclined to add materially to their holdings. Price movements were small or moderate and about evenly divided between advances and reductions.

Chinawood oil was higher, the market being influenced by a stronger situation abroad. Numerous inquiries were reported in the market here, though actual transactions were apparently rather light. Perilla oil was also firmer with reports of a fairly active inquiry. Higher prices were quoted for teaseed oil owing to a further shrinkage in supplies. Refined coconut oil was steady at the decline noted in the previous week.

Tallow was easier under somewhat freer offerings with sales reported at a decline. Greases were also easier with tallow. Changes in local cash lard prices were moderate in company with the course of futures in the West. Quotations on most grades of animal oils were stationary. Crude fish oils were firm and refined oil prices were maintained at the advance noted in the previous week.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, ¼c. per lb.
Linseed oil, 2-10c. per lb.
Neatsfoot oil, prime, ¼c. per lb.
Perilla oil, ¼c. per lb.
Teaseed oil, ½c. per lb.

Reduced

Grease, ⅛c. to ¼c. per lb.
Lard oil, prime edible, ⅜c. per lb.
Stearic acid, ⅛c. per lb.
Tallow, ⅛c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.5	**101.5**	**101.4**	**118.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—A firm tone continued to prevail in domestic markets last week, the tendency of prices again being upward at times as a rather strong situation continued to be reported abroad where shippers were either not inclined or not in a position to offer very freely although there were reports here of occasional offerings in a limited way. The local market was more active to the extent that inquiries were received rather numerously. As already intimated, however, offerings were comparatively light and actual transactions were apparently not of much importance. Late in the week quotations on tankcars were ¼c. to ½c. higher than the figures prevailing at the close of the previous period. It was announced by the Department of Commerce at Washington that a cable from the American Consul General at Hankow dated December 7 stated that no tung oil was exported from Hankow by business firms in November and that the market remained inactive with no price quotations being made. Stocks, according to the cable, were estimated at 13,149 short tons on November 30, or approximately the same as at the end of October. According to the cable the Yangtze River remains closed to commerce and no tung oil shipments were expected in the near future.

SAN FRANCISCO, Dec. 13.—Chinawood oil stronger, being quoted today at 14.2c. to 14⅜c. per pound in tankcars, f.o.b. Pacific Coast ports, with both prompt and deferred shipments available. Sales have been moderate.

Coconut.—Crude oil quotations were unchanged here and the tone of the market appeared to be fairly steady although competing products in some instances were easier. There were reports of occasional inquiries but transactions were limited to unimportant quantities for prompt shipment. Refined oil was steady at the reduction in prices announced in the previous week.

SAN FRANCISCO, Dec. 16.—Crude coconut oil quiet. Quoted at 2⅝c. to 2¾c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for delivery up to the middle of next year. Copra ruled steady at 1.70c. per pound, c.i.f. Pacific Coast ports, with offerings and bids moderate.

Cottonseed. — Edible oil quotations were unchanged but the tone of the market appeared to be easy in the absence of any improvement in demand, buying interest being limited as a rule to comparatively small or moderate quantities. Offerings of Brazilian semi-refined oil were reported at 4.25c. to 4.30c. per pound in bulk, New York basis.

Mustard.—Quotations were stationary and the tone of the market appeared to be steady. There was a fair movement to local and other consumers.

Olive.—Denatured oil was stronger. There was a fair demand for moderate quantities. Foots met with a fair request in a jobbing way and the market was steady. According to a consular report from Athens, production of olive oil in Greece for the crop year 1938-39 is estimated at 23,499,000 gallons.

Palm.—There were reports of a somewhat better inquiry but consumers showed little disposition to purchase in advance of current needs. With offerings reported as light, the market had a steady tone.

Perilla. — Quotations were advanced about ¼c. with the tone of the market firm at the rise. There were reports of a fairly active demand for spot oil. Supplies in some quarters appeared to be rather light.

Rapeseed.—The market had a steady tone. The inquiry was fair. Shipments of seed from India to the United Kingdom and the Continent from January 1 to November 30 were 21,000 tons against 39,000 tons in the same time last year.

Teaseed.—With supplies diminishing, the market continued to strengthen. Some importers were not in a position to deliver spot oil. Offerings of low acid oil for shipment from abroad were reported as small. In a nominal way 8½c. to 8¾c. was quoted.

Markets at Other Centers

San Francisco, Dec. 16.—As a whole, the vegetable oil market is about unchanged from its position of the previous week, minor fluctuations being noted in either direction at times, according to the presence of bids and offers. Sales have been rather spotty.

COTTONSEED.—Domestic bleachable oil quoted 7½c. per pound in tankcars, f.o.b. Pacific Coast ports, with foreign offerings absent. Local sellers are quoting spot Japanese oil at 7⅜c. per pound in tankcars, f.o.b. San Francisco.

PERILLA.—Crude oil quoted 9⅛c. per pound in tankcars for prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED.—Refined and denatured oil quoted 5⅝c. per pound in tankcars, f.o.b. Pacific Coast ports for shipment from the Orient.

TEASEED.—Foreign suppliers are quoting 7½c. per pound in tankcars, f.o.b. Pacific Coast ports, December/January shipment for normal acid teaseed oil, with resale offerings of higher acid oil on spot at 6½c.

Chicago, Dec. 16.—Vegetable oil prices for the most part are steady or firm, even though buyers seem disposed to keep their takings at a low level for the present.

COCONUT.—Coast basis, December-forward, 2⅝c. to 2¾c. per pound. Refined, edible oil, 8¼c. to 8½c., barrels, car lots; and 8½c. to 9c., barrels, less than car lots.

CORN.—Crude, low acid, 6¼c. to 6½c. per pound, partly nominal. Refined, edible oil, 9c. to 9½c., barrels, car lots; and 9½c. to 10c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 15½c. to 15¾c. per pound, spot; and 14⅜c. to 14½c., deferred.

SOYBEAN.—Crude, mills, 5⅛c. to 5¼c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular, changes be-

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

• OILS •
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PERILLA OIL
SARDINE OIL
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L. N. JACKSON & CO., Inc.
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Formerly THE EMERY CANDLE CO.
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New England Office and Warehouse:
187 Perry Street, Lowell, Mass.
Telephone—Lowell 3965

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed
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RED OIL
(OLEIC ACID)
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STAR BRAND *(saponified)*
CANARY BRAND
(very pale yellow, especially suitable for best types of dry cleaners' soaps.)
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Saponified - Distilled
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OLIVINE (olive oil replacement)
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COCOANUT OIL FATTY ACIDS
ISOLINE FATTY ACIDS
ISOLINE DRYING OIL
LINSEED OIL FATTY ACIDS
PALM OIL FATTY ACIDS
SOYBEAN OIL FATTY ACIDS
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"The Most Suitable Acid for Any Purpose"
WOBURN DEGREASING COMPANY OF
Chemical Division
HARRISON, NEW JERSEY

reaction downward followed. However, the net effect on replacement costs was a small fraction advance over prices prevailing at the close of the previous period.

Calcutta, Dec. 16.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound— Dec. 16.	Dec. 9.
December	10½c.	10¼c.

Day-to-day prices were as follows:—

	Per pound.
December 9	10¼c.
December 10	10¼c.
December 12	10½c.
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Oils, Fats, and Waxes

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Perilla oil, ¼c. per lb.
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San Francisco, Dec. 16.—As a whole, the vegetable oil market is about unchanged from its position of the previous week, minor fluctuations being noted in either direction at times, according to the presence of bids and offers. Sales have been rather spotty.

COTTONSEED.—Domestic bleachable oil quoted 7½c. per pound in tankcars, f.o.b. Pacific Coast ports, with foreign offerings absent. Local sellers are quoting spot Japanese oil at 7⅜c. per pound in tankcars, f.o.b. San Francisco.

PERILLA.—Crude oil quoted 9⅛c. per pound in tankcars for prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED.—Refined and denatured oil quoted 5⅝c. per pound in tankcars, f.o.b. Pacific Coast ports for shipment from the Orient.

TEASEED.—Foreign suppliers are quoting 7½c. per pound in tankcars, f.o.b. Pacific Coast ports, December/January shipment for normal acid teaseed oil, with resale offerings of higher acid oil on spot at 6½c.

Chicago, Dec. 16.—Vegetable oil prices for the most part are steady or firm, even though buyers seem disposed to keep their takings at a low level for the present.

COCONUT.—Coast basis, December-forward, 2⅝c. to 2¾c. per pound. Refined, edible oil, 8¼c. to 8½c., barrels, car lots; and 8½c. to 9c., barrels, less than car lots.

CORN.—Crude, low acid, 6¼c. to 6½c. per pound, partly nominal. Refined, edible oil, 9c. to 9½c., barrels, car lots; and 9½c. to 10c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 15½c. to 15¾c. per pound, spot; and 14⅜c. to 14½c., deferred.

SOYBEAN.—Crude, mills, 5⅛c. to 5¼c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular, changes be-

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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ing mainly in company with outside markets. Trading was fairly active though the recent advance had a tendency to check demand for cash beans. The crop movement in some sections has decreased recently. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Dec. 16.	Closing Dec. 9.
Cash, No. 2..	$0.83⅝	$0.80½	$0.81	$0.81⅛
May	.83⅝	.83⅜	.81¼	.81⅞
July	.83¼	.81½	.81½	.82½

London, Dec. 3.—Soybean oil, crude, 22s. 3d. per cwt.; rapeseed, refined, 32s. 3d.; palm kernel, refined, English, 24s. 3d.; peanut, Bombay, 20s. 6d.; sardine, Japanese, 14s. 9d.; whale, crude, Rotterdam, 13s. 6d.

Linseed Oil

A generally steady or firm tone prevailed in foreign and domestic flaxseed markets. Linseed oil higher. Cake and meal firm.

Flaxseed—DULUTH, Dec. 16.—Prices were firmly held during the week, influenced by a fair to good demand and strong quotations at Buenos Aires. Duluth flax receipts were nil. Minneapolis received about [illegible] cars. No. 1 flax on track was quoted on a range of 2c. to 8c. over the Minneapolis May price plus dockage premium over 15 percent. Buyers were in the market for choice seed but nothing was offered.

The week's closing price range was as follows:—

	Cash.	Dec.
Saturday	$1.87	$1.80
Monday	1.88	1.84
Tuesday	1.89	1.85
Wednesday	1.90	1.87
Thursday	1.90½	1.87½
Friday	1.92½	1.89

Crop movement in bushels follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	122	56	...	.....
Since Aug. 1..	1,378,419	1,056,939	1,280,019	1,097,907

MINNEAPOLIS, Dec. 16.—Flax straggled into the local market during the week and found ready demand at firm to strong premiums. Movement was general, but very thin. A car or so came from South Dakota and also from Montana, but in the main the movement originated in North Dakota and Southern Minnesota. To date there has been no pre-holiday pressure and it does not look as though there would be any this season. Country movement is very limited. Deliveries on December contracts small through the week and total tenders to date 155,000 bushels. Not much re-tendered. Some of the tendered supply has been moved to bins of receivers. Soil conditions through the northwest remain very unfavorable for spring plowing and germination and this is making bullish sentiment in grain and flax pits. The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.88	$1.80	$1.80
Monday	1.90	1.80½	1.81
Tuesday	1.90	1.80½	1.81
Wednesday	1.93	1.82	1.82
Thursday	1.93½	1.82½	1.82½
Friday	1.96½	1.84½	1.84½

Crop movement in bushels as follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week.	36,740	33,000	21,220	68,810
Since Sept. 1..	2,712,370	2,873,030	373,149	512,652

WINNIPEG, Dec. 16.—The market for flaxseed futures was quiet. The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.46½	$1.46½	$1.40¾
Monday	1.47¼	1.47¼	1.42
Tuesday	1.47¼	1.47¼	1.42⅝
Wednesday	1.47¼	1.48½	1.43⅝
Thursday	1.48½	1.48½	1.43¾
Friday	1.45	1.45	1.41¾

BUENOS AIRES, Dec. 16.—Opening prices per bushel on February contracts were:—

	Last week.	Last year.
Saturday	$1.10⅝	$1.24½
Monday	1.10⅝	1.24⅛
Tuesday	1.08⅞	1.23⅝
Wednesday	1.07⅝	1.26⅜
Thursday	1.08¼	1.28
Friday	1.08¼	1.28

Exports

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United States....	382,000	350,000	204,000
United Kingdom..	.....	39,000	.....
Continent	598,000	346,000	425,000
Orders	.....	500,000	122,000
Others	.....	.....	31,000
Totals	980,000	1,235,000	782,000

Since January 1

To—	Bushels This year.	Bushels Last year.
United States.....	13,304,000	25,527,000
United Kingdom.....	1,281,000	512,000
Continent	23,531,000	22,140,000
Orders	9,921,000	17,402,000
Others	1,862,000	5,258,000
Totals	49,899,000	70,839,000

Visible Supply

	Bushels.
Last week.....	1,575,000
Previous week.....	1,575,000
Last year.....	3,543,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United Kingdom...	8,000	.....	4,000
Continent	.....	60,000	.....
Others	.....	20,000	.....
Totals	8,000	80,000	4,000

Since April 1—	Bushels This year.	Bushels Last year.
United Kingdom.....	8,204,000	6,439,000
Continent	776,000	208,000
Others	396,000	908,000
Totals	9,376,000	7,615,000

HULL, Dec. 16.—Quotations on flaxseed were:—

	Per ton La Plata.	Per ton Bombay.
Saturday	£10⅞	£12⅝
Monday	10⅞	12⅝
Tuesday	10⅞	12⅝
Wednesday	10⅞	12⅝
Thursday	10⅞	12⅝
Friday	10⅞	12⅝

Linseed Oil.—A further advance occurred in linseed oil prices in the local market last week. The trend of flaxseed was upward at times in the Buenos Aires market and local linseed oil quotations were raised two points by crushers to the basis of 8.1c. to 8.3c. per pound in tankcars, according to seller. An increase was reported in the volume of inquiries received in some quarters and reports of a similar character were received from outside points where consumers were said to be displaying interest chiefly in forward shipments with business closed for delivery as far ahead as next June. There was a fair movement locally to consumers and dealers on contracts previously placed.

The strength of the Argentina flaxseed market recently was regarded by some as due partly at least to speculative buying, based on unfavorable reports concerning the progress of the new crop. Recent advices from Argentina reported heavy damage to the crop by caterpillars with the situation so serious that some fields will not be harvested. Cash flaxseed ruled firm in domestic markets. Receipts were light and the country movement was also small. Unfavorable reports continued to be received concerning the condition of the soil in the Northwest. Receipts of flaxseed at New York last week were 387,757 bushels.

MINNEAPOLIS, Dec. 16.—Quite an improvement in the linseed oil market during the past few days but the business was virtually all forward. Sales of car lots and tankcars were quite general and shipments was wanted up to the end of June. Some of the buyers wrote up for small round lots. Because of the very strong tone of the local raw material market, crushers were not very keen to stimulate round lot business. Currently it is hard to buy cash flax or futures to cover important sales. Open interest on crushers books increased importantly during the past week. Insofar as the immediate situation is concerned the tone is quiet.

Quotations on carload lots f.o.b. Minneapolis, tankcar lots, 8.5c. per pound, cooperage car lots 9.1c. per pound, warehouse lots 9.5c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week.....	686,720	1,477,289
Since Sept. 1.....	22,176,121	19,213,772

SAN FRANCISCO, Dec. 13.—More interest has been shown in the linseed oil situation and the market took a two-point rise today, the second boost within a week. Quoted:—Tankcars, 8.5c. per pound; drum lots ex mill, 9.1c.; drums ex warehouse, 9.5c.

CHICAGO, Dec. 16.—The call for linseed oil has been relatively good. Ruling prices are:—Tankcar, 8.5c. per pound; car lots, 9.1c.; less than car lots, 9.5c.

LONDON, Dec. 16.—Quotations on linseed oil were:—

	Per cwt. £.	Per cwt. d.
Saturday	22	10½
Monday	22	10½
Tuesday	22	10½
Wednesday	22	9
Thursday	22	9
Friday	22	9

Cake and Meal.—Fresh developments in the way of price changes were lacking, the market being firm at the advance announced in the previous week. The export inquiry for cake was fairly active. Domestic trade in meal quiet.

MINNEAPOLIS, Dec. 16.—Tone of linseed meal market is strong and there is a ready demand for any supplies available for immediate or nearby shipment. There are no floor stocks to fall back on and buyers are writing up contracts for January-March shipment at virtually no discount under current values. Uncertainty regarding future operations keeps the crusher trade in a bullish mood regarding future values and they are not pressing the market.

Re-sellers have little to sell and are able to get full prices for their offers without difficulty.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $40 per ton, December-March shipment. Good demand from mixed shippers at full prices.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week.....	1,904,190	4,318,445
Since Sept. 1.....	35,274,310	72,500,386

CHICAGO, Dec. 16.—Linseed meal remain firm. Round lot business remains slow, with small buying predominating. Ruling prices are:—Round lots, $38.50 per ton, largely nominal; car lots, $39 to $39.50; less than car lots; $41 to $41.50.

Cottonseed Oil

Changes in refined cottonseed oil futures were generally moderate. Trading quiet. Southern markets steady or firm.

Cottonseed Oil.—Trading in refined cottonseed oil futures in the local market was on a comparatively small scale much of the time last week, although on Wednesday operations broadened out with shorts covering and local traders and commission houses disposed to buy for a turn on strengthening developments in outside markets. An upward trend at times in the market for securities was also not without some effect for the time being on speculative sentiment in cottonseed oil circles here. As already intimated, however, the dealings in the main lacked snap, many traders still being disinclined to add materially to their commitments at this time, especially as political developments abroad were still more or less disturbing. Changes in prices were within moderate limits.

A development of interest was the publication of the monthly cottonseed report from the Census Bureau. This appeared on Tuesday. It indicated that the consumption of refined oil during November was 263,024 barrels. This compared with 281,026 barrels in the previous month and 427,605 barrels in the same month last year. The November figures brought the consumption for the first four months of the current season up to 1,136,289 barrels, or 501,532 barrels less than in the same time last season.

The visible supply increased 182,700 barrels during November against an increase of 366,000 barrels in the same month last year. At the close of November the total visible was 2,763,000 barrels, against 2,614,700 barrels a year ago and 2,274,200 barrels two years ago. Receipts of seed at the mills during the first four months of the season were 3,321,353 tons, against 4,520,859 tons in the same time last season; crushed 2,094,082 tons, against 2,821,058 tons. Production of crude oil from August 1 to November 30 was 645,790,092 pounds against 846,541,974 pounds in the same time last season; refined oil 470,477,757 pounds, against 588,449,317 pounds. Stocks of seed at the mills at the close of November were 1,559,881 tons, against 1,741,876 tons last year; crude oil 168,456,714 pounds, against 186,851,709 pounds; refined oil 503,890,222 pounds, against 373,973,292 pounds.

Southern markets for crude oil were steady or firm. In some sections prices were ⅛c. higher. Offerings were reported as light in all parts of the South, with crushers reluctant sellers at existing quotations which were declared by some to be below the cost of production at prevailing prices for seed. Marketing of hogs in parts of the West was larger, receipts at the principal points for four days of the week being 295,600 head, against 316,118 head in the same time last year. The weight of the hogs received in Chicago during the week ended December 9 averaged 242 pounds, against 235 pounds in the previous week.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from December 10 to December 16, inclusive, comprised 902 contracts, a total of 54,120,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks High.	Low.	Close.
January	7.56	7.38	7.44@7.46
March	7.77	7.54	7.62@7.64
May	7.83	7.62	7.71@7.72
July	7.90	7.70	7.78@7.79
December	7.58	7.45	.....
Crude, Southeast, .0650 Nom.			

Chicago, Dec. 16.—A comparatively good volume of business for the year-end season is reported in the cottonseed oil mar-

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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New York, N. Y.
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ket. Good off-Summer yellow fig oil is 7⅞c. per pound. Refined edible oil is 9¼c. to 9½c. per pound, barrels, car lots, and 9¾c. to 10c., barrels, less than car lots.

Hull, Dec. 16.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	21	0	18	0
Monday	21	6	18	6
Tuesday	21	6	18	6
Wednesday	21	6	18	6
Thursday	21	6	18	6
Friday	21	6	18	6

Cake and Meal.—A steady or firm tone was reported in Southern markets for spot material. Production of cake and meal during the first four months of the season, according to official statistics, was 935,140 tons, against 1,253,319 tons in the same time last season; stocks at close of November 315,538 tons, against 170,307 tons.

Markets at Other Centers

Atlanta, Dec. 14.—Prime crude oil quoted in the Southeast around 6.50c. per pound. Meal is stronger at around $23 per ton at Southeastern mills.

Memphis, Dec. 16.—Crude oil sold this week at 6⅜c. That figure is still bid. Holders are asking 6½c., but are reluctant sellers, claiming that the price is below the cost of production. Cake and meal steady. Domestic demand more active, and some export inquiries now in market. Prime 41 percent meal, $23 per ton at Memphis. Valley slab cake, $20.25 to $20.50 at mill points. Hulls, $4.50 per ton, Valley and Memphis.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	December 8.	December 15.
December	$22.50@——	$22.75@23.00
January	22.40@22.65	22.70@22.85
March	22.60@22.75	22.85@22.90
May	22.85@——	22.95@23.25

Fatty Acids

Caproic Acid.—Prices were maintained at recently prevailing levels and the tone appeared to be firm. There was a fair movement into local and other consuming channels although new business was quiet, consumers being disinclined, as usual at this season, to purchase in advance of current needs.

Castor Oil.—This fatty acid remained in a steady position. There was apparently no change in the character of business, purchasing by makers of cosmetics and shampoos being limited to moderate lots with the movement of such quantities fair.

Coconut Oil.—Business in this fatty acid was along the same lines noted in recent preceding weeks, makers of soaps and compounds of various kinds being disinclined to depart from a conservative course at this period of the year.

Linseed Oil.—The market for this fatty acid had a firmer tone, this being a reflection of recent developments in basic material. There were reports of a somewhat better inquiry for moderate quantities from local and other buyers.

Red Oil.—Quotations were still more or less unsettled and nominal. There were offerings, however, at 6½c. per pound in tankcars though higher prices were named in some quarters. A fair inquiry was reported, the movement into consuming channels being somewhat larger than recently.

Stearic Acid.—Basic material was again lower and the market for stearic acid had an easier tone, quotations being shaded ½c. per pound by some sellers. There was a fair movement into consuming channels on contracts, but new business was rather quiet, as usual at this season.

Tall Oil.—Selling schedules continued to be maintained by producers at the levels prevailing for some time past. The market was quiet so far as new business was concerned, activity being limited mainly to the forwarding of supplies on contracts previously placed.

Markets at Other Centers

Chicago, Dec. 16.—Inquiries for fatty acids continue to be received at a fairly good rate. The special cottonseed materials are said to be holding their own fairly well in the market at this time. Buying of stearic acids has been moderately generous, with prompt shipment mostly desired.

FATTY ACIDS.—Corn oil, double distilled, 7¾c. to 8c. per pound, tankcar; 8¼c. to 8½c., barrels, car lots; 8¾c. to 9c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar, mostly nominal; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c., tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soapstock, 60-62 percent basis, 3c. to 3⅛c.; boiled down soapstock, 65 percent basis, 4c. to 4⅛c.; cottonseed foots, 50 percent basis, 1½c. to 1⅝c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Cottonseed Crushings Decrease

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out and held, August 1 to November 30, 1938 and 1937, amounted, according to the Bureau of Census to the following quantities:—

Cottonseed

Received, Crushed, and Held

	Tons					
	Received at mills* Aug. 1 to Nov. 30.		Crushed Aug. 1 to Nov. 30.		On hand at mills Nov. 30.	
	1938.	1937.	1938.	1937.	1938.	1937.
United States	3,321,353	4,520,859	2,094,082	2,821,058	1,559,881	1,741,876
Alabama	202,034	281,833	162,087	214,528	51,908	67,186
Arkansas	409,306	462,815	218,605	241,883	210,923	221,316
California	113,891	184,838	66,574	65,004	69,031	125,302
Georgia	214,359	375,534	170,499	302,898	59,154	74,964
Louisiana	155,711	216,504	117,700	152,743	43,893	63,965
Mississippi	569,799	711,754	296,945	371,190	314,652	348,530
North Carolina	93,216	195,855	77,211	123,347	23,800	72,919
Oklahoma	158,511	188,761	93,872	135,968	68,309	53,295
South Carolina	105,886	164,976	94,405	130,361	13,033	35,265
Tennessee	315,809	293,733	156,195	168,857	172,224	125,289
Texas	839,039	1,288,820	567,633	836,787	453,479	474,905
All other states	143,792	155,436	72,356	77,092	79,475	78,940

* Includes seed destroyed at mills but not 337,118 tons and 42,394 tons on hand August 1, nor 12,206 tons and 49,522 tons reshipped for 1938 and 1937 respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand August 1.	Produced Aug. 1 to Nov. 30.	Shipped out Aug. 1 to Nov. 30.	On hand Nov. 30.
Crude oil, pounds—				
1938-1939	*33,833,717	645,790,092	557,012,603	*168,456,714
1937-1938	11,141,266	846,541,974	759,648,083	*186,851,709
Refined oil, pounds—				
1938-1939	†487,927,952	‡470,477,757	.....	†503,890,222
1937-1938	441,052,343	588,449,317	.....	373,973,292
Cake and meal, tons—				
1938-1939	214,611	935,140	836,213	313,538
1937-1938	41,952	1,250,319	1,121,964	170,307
Hulls, tons—				
1938-1939	133,153	542,329	491,815	183,667
1937-1938	43,422	718,834	646,121	116,135
Linters, running bales—				
1938-1939	457,464	504,958	442,524	519,898
1937-1938	61,547	639,711	378,496	322,762
Hull fiber, 500-lb. bales—				
1938-1939	30,534	18,414	18,144	30,804
1937-1938	1,828	26,566	10,348	18,046
Grabbots, motes, etc., 500-lb. bales—				
1938-1939	36,592	24,163	21,670	39,085
1937-1938	7,379	32,957	12,586	27,750

* Includes 11,339,523 and 42,512,381 pounds held by refining and manufacturing establishments and 12,855,220 and 27,527,870 pounds in transit to refiners and consumers August 1, 1938, and November 30, 1938, respectively.

† Includes 5,199,739 and 5,534,364 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments, and 7,696,711 and 5,472,135 pounds in transit to manufacturers of shortening, oleomargarine, soap, etc., August 1, 1938, to November 30, 1938, respectively.

‡ Produced from 499,937,477 pounds of crude oil.

Exports and Imports for Three Months Ended Oct. 31

	1938.	1937.
Exports—		
Oil, crude, pounds	87,620	120,782
Oil, refined, pounds	1,257,898	1,519,432
Cake and meal, tons of 2,000 pounds	7,672	29,198
Linters, running bales	51,469	61,684
Imports—		
Oil, crude, pounds	.....	.....
Oil, refined, pounds	*21,401,365	20,640,195
Cake and meal, tons of 2,000 pounds	175	901
Linters, bales of 500 pounds	14,613	3,124

* Amounts for November not included above are 1,294,214 pounds refined "entered directly for consumption"; 5,315,712 pounds refined, "withdrawn from warehouse for consumption," and 2,497,289 pounds refined, "entered directly into warehouse."

Fish Oils

Menhaden.—New developments in the way of price changes were lacking, the market here for refined oil apparently being firm at the advance reported in the previous week. No broadening of trade was noted. Inquiries for comparatively small lots were received in a fair volume and there was a moderate movement on contracts previously placed. Crude was reported as firm in the primary market where offerings continued light.

Sardine.—A firm tone continued to feature the local refined oil situation though no further advances in prices were reported last week. Purchasing was apparently limited to comparatively small or moderate quantities, the movement of such lots being fair. Crude remained firm on the Coast.

Sperm.—Local quotations were maintained at former levels, the market apparently being firm. There was a fair movement of moderate lots.

Markets at Other Centers

San Francisco, Dec. 13.—Although sales of northern California sardine oil were imminent late this afternoon on the basis of 31c. per gallon in tankcars, there has been no known activity in this market now for about ten days and the situation has been quiet, with sellers reluctant to offer. The same holds true for southern California oil, although the basis of trading there is one cent higher. Both here and in the South buyers have bids standing on the basis of 31c. and 32c. respectively, and because a rather heavy run of fish was seen in the San Francisco Bay area yesterday, it was thought that at least some sellers would open up and release oil on buyers' terms. Earlier in the day oil was available here at 31½c., and there was reason to believe that sales would be pushed through later on at the 31c. price level.

The catch of about 7,000 tons of fish turned into the San Francisco Bay plants yesterday marked the first active fishing in a fortnight's time. Storms and rough weather have been holding up operations and the recent full moon has interfered with fishing. Monterey Bay plants were reported as having received about 2,000 tons yesterday.

The California Fish and Game Commission reported today that there was a total of 2,055,949 gallons of sardine oil manufactured in the northern California shore plants during November, compared with 2,062,590 gallons for October. Last year's comparative figures are:—October, 2,382,564 gallons; November, 1,484,380. These figures are irrespective of floater operations and do not include the oil made at San Pedro in southern California. So far it is estimated that the floaters have taken about 40,000 tons of fish this season, or roughly 1,700,000 gallons of oil.

All of the floating reduction ships have now come into port, poor fishing and rough weather having made it difficult for them to operate.

Baltimore, Dec. 14.—Some further small sales of menhaden oil have been made by the factories on the North Carolina coast, and the vessels there continue at work. They are expected to keep up their activities as long as there is a chance of adding to the catch, though the fish now obtained are smaller than those brought in earlier and yield less oil. The last sales were made on the basis of 28c. per gallon at factory, the price that has held for some time. This is about equal to 30c. at Baltimore. The quotations on refined oils stand at 53c. to 55c. per gallon for light pressed, 55c. to 57c. per gallon for light bleached and 57c. to 59c. per gallon for yellow bleached stocks.

Fats and Greases

Grease.—Quotations were reduced ½c. per pound, the easier situation being a reflection of developments in tallow. There were reports of a fair inquiry for moderate lots for prompt shipment.

Lard.—Changes in local cash quotations were moderate in the absence of wide fluctuations in futures in the West where prevailing speculative sentiment appeared to be less bearish for the time being at least. Trade here was quiet.

Stearin.—Demand was quieter but offerings were light and the market was apparently steady at the recent decline.

Tallow.—An easier tone developed as offerings were somewhat freer following recent weakness in outside markets. Sales were reported at 5⅜c. per pound f.o.b. for extra, showing a decline of ⅛c. per pound. There were reports of some increase in buying interest at the lower level.

Trading in tallow futures on the New York Produce Exchange from December 10 to December 16, inclusive, comprised 10 contracts, a total of 600,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	5.40	5.40	5.35@5.40
December	5.35	5.35	5.35 ——

Markets at Other Centers

Chicago, Dec. 16.—The indications are that a comparatively good volume of business has been done recently in cash lard trade, with prices making a fairly good showing in comparison with those in effect recently.

The range of lard quotations from the opening Saturday, December 10, to the close Friday, December 16, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$6.85	$6.85	$6.77	$6.85	$6.87
Jan.	6.85	6.85	6.77	6.85	6.87
May	7.50	7.52	7.40	7.50	7.52

TALLOWS (tierces).—Edible, 6c. to 6¼c. per pound; prime, 5½c. to 5⅝c.; fancy, 5½c. to 5⅝c.; special, 5¼c. to 5½c.; No. 1, 5c. to 5¼c.

GREASES (tierces).—Choice white, 5⅜c. to 5⅝c. per pound; A white, 5¼c. to 5½c.; B white, 5c. to 5¼c.; yellow, 10-16, 4¾c. to 5c.; yellow, 16-20, 4½c. to 4¾c.; brown, 4⅜c. to 4⅝c.

STEARINS (barrels).—Prime oleo, 6½c. to 7c. per pound; lard, packages, 7¾c. to 8c.; A white grease, 5½c. to 5⅝c.; yellow grease, 5c. to 5⅛c.; extra oleo stocks, 8¾c. to 9c.; No. 2 stocks, 8¼c. to 8½c.

Liverpool, Dec. 16.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	January. s.	d.	May. s.	d.
Saturday	45	0	40	6	41	6
Monday	45	0	40	6	41	6
Tuesday	45	0	40	3	41	0
Wednesday	45	0	40	0	40	9
Thursday	45	0	40	3	41	0
Friday	45	6	40	9	41	6

Liverpool, Dec. 16.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	17	6	18	3
Monday	17	6	18	3
Tuesday	17	6	18	3
Wednesday	17	6	18	3
Thursday	17	6	18	3
Friday	16	6	17	9

Animal Oils

Lard.—Prime edible oil was reduced ¾c. per pound. Other grades were maintained at former levels and the tone of the market appeared to be steady. There was a fair movement to local and outside consumers.

Neatsfoot.—The market had a firm tone, most grades being held at previous levels, while prime was advanced ¼c. There was apparently no change in the character of business, consumers being disposed to adhere to a conservative course in making purchases.

Oleo.—Quotations were stationary and the tone of the market appeared to be steady. Business lacked snap, but there were reports of a somewhat better inquiry for moderate lots.

Tallow.—A steady tone prevailed, quotations being held at former levels. Trade was quiet.

Chicago, Dec. 16.—Slight price concessions are reported in the animal oils markets, with transactions generally of a routine nature.

LARD.—No. 1, 8½c. to 8¾c. per pound.

OLEO.—No. 2, 8½c. to 9c. per pound.

TALLOW.—Acidless, 7½c. to 7¾c. per pound, tanks; 8c. to 8½c., barrels.

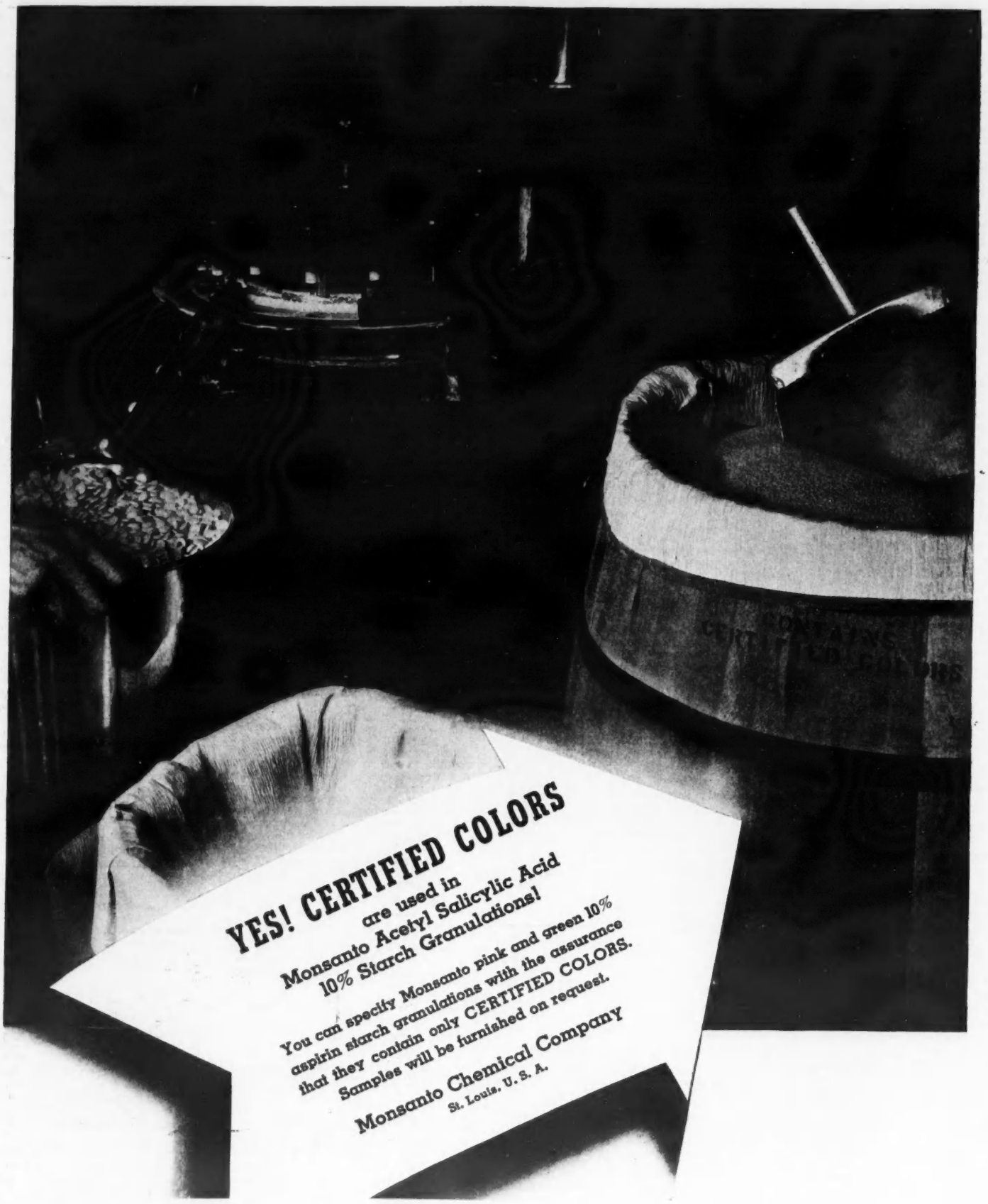
Waxes

Bees.—Business was confined mainly to pressing requirements of a prompt delivery character. Because of the season of the year and desire for low inventories, larger business awaited the turn of the year. Pricewise, the market was exceptionally steady and values were fully maintained.

Candelilla.—A fair jobbing business was reported, but in the main the leading buys of this material showed little interest in anything but wax to be delivered after January 1. Prices continued to be well stabilized.

Carnauba.—The market was basically firm with strong undertones being in evidence at the source. Business was naturally repressed by the fact that the inventory period was close at hand and hence buyers restricted their purchases solely to those of pressing needs. Quotations on spot were firmly maintained in all quarters and as stocks were conservative, the outlook appeared to favor continuance of that position.

Japan.—The market was competitive but prices lacked further open change. Conditions favored buyers with firm orders in hand, but there was very little done during the past week.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Drugs, Fine Chemicals

Cartel Control of Prices in Japan Continues to Force Agar Higher Here—Sulfanilamide Reduced—Domestic Quicksilver Output Sold Well Ahead—Major Bromides Firm

Price developments in the market for drugs and fine chemicals were restricted to a further advance in quotations on agar, and a reduction in the schedule on sulfanilamide. The market as a whole was in well stabilized position and most quotations were on the firm side.

Seasonal items made up a very fair sized volume of trade. While the tendency of buyers was to purchase only for pressing and actual needs, there was still an excellent requirement that demanded prompt satisfaction. The result was a firm position on all articles reaching the largest demand during the Winter months.

The advance in agar prices was caused by the effective functioning of the cartel of Japanese producers. The spot market should be higher than it is, based on prevailing replacements but competition has prevented a full reflection of the rise in export prices in Japan. Sulfanilamide once more moved in favor of buyers, continuing the movement that had been steady since the material became one of first importance in the drug trade. Competition has kept values moving more or less steadily downward.

Quicksilver was a firm article based on the fact that consumers have bought domestic production well ahead. Naturally, the mercurial group reflected strength and the advance in prices on hard mercurials during the previous trading period was fully maintained.

Denaturing grade methanol prices ceased to show a wide spread in the minimum views of producers. All producers were on the same price basis at the close of the week. Hence, the market was higher.

Acetanilide.—Spot business was moderate to light but a fair interest was shown in goods to be shipped after the turn of the year and a sizable amount of business was built on that basis. Basically, the market was declared to be generally firm.

Acid, Acetylsalicylic. — The market last week was typically quiet. With inventory at hand, buyers' commitments were restricted mainly to very small quantities and purchases were made only when to keep aloof from the market was impossible. Quotations ruled steady to firm.

Acid, Boric.—Contracts for requirements over the first half of next year have been the main business of the producers since current prices were extended to June 30. Consumers were understood to have covered needs amply and from now on the market was expected to be routine in most respects.

Acid, Citric. — Business was routine throughout the past week and orders were uniformly small and few. Prices appeared to be generally steady and generally maintained under reasonably favorable conditions.

Acid, Tartaric. — Revival of major business awaits the turn of the year. In the meanwhile, trade marked time with prices holding steadily and undertones being generally firm.

Agar. — Japan was an apparently strong market and prices there were at least as high as those quoted for spot goods late last week. Local values on No. 1 were higher at 90c. to 94c. per pound, named according to seller; No. 2, 85c. to 89c. A sort of cartel arrangement involving Japanese producers appeared to be working in the direction of higher prices by means of price control made possible by the reduction, if not entire elimination of competition between shippers.

Alcohol.—New business was naturally light since pending inventories made buyers reluctant to take on new deliveries when avoidable. However, substantial business for shipment after January 1 has been done and the market has responded by developing a firm undertone in all respects. Stocks were reported to be ample.

Aloin.—Trade was routine. Some sellers intimated that high prices have curtailed buyer interest to some extent but in view of the prevailing high cost of production based on what has been paid for raw material, there was nothing to suggest an early movement in favor of buyers.

Ammonia Benzoate.—Price stabilization was the rule and with a fairly good outlook facing business during the first quarter of the next year, sellers expected values to be fully maintained. Production has been brought well into line with actual consuming requirements.

Bismuth Metal and Salts.—A steady undertone pervaded both the raw material and the finished products markets. Quotations were on the firm side and full schedules were being maintained. Indications were that stabilization was likely to carry over into the new year.

Bromides.—All major bromides have been unchanged and very steady for a substantial period of time. The sole change of late was a lower schedule on cadmium bromide and not all producers of that article have as yet gone to the lower level of values. Major bromides were in very good and entirely seasonal request.

Calomel.—The market was firm at the advance noted in the previous trading period. In view of the very firm position of raw material, present quotations on the derived article were expected to be maintained. Demand was steady, though routine.

Castor Oil.—Business was typical of that when inventory period draws near. The call was light and irregular much of the time last week, but the situation failed to be productive of unsettlement in prices; they remained very steady and appeared to be firm.

CHICAGO, Dec. 15.—Demand for castor oil is steady. The price structure is comparatively firm. Various reports indicate a fairly good outlook for the future. Ruling prices are:—No. 1, barrels, car lots, 10½c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; drums, less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10¾c.; returnable drums, car lots, 9⅜c.; drums, less than car lots, 10⅛c.; tanks, 8⅞c.

Cocoa Butter.—While not much business was done last week, it seemed to be mainly because sellers were not disposed to meet buyers' bids. The market was held steady at 11½c. per pound for car lots, spot delivery, and leading suppliers expect revival of more substantial demand after the turn of the year.

Codliver Oil.—Deliveries after the turn of the year should increase in view of sales already made for that position. The market was reasonably active from a consumer point of view last week and leading importers of the oil reported prices to be firm.

Corrosive Sublimate. — The higher prices set up in the previous week proved to be very firm during the period just ended. Raw material was as firm as ever and conditions suggested that values would be fully stable for the immediate future. Demand was fair to moderate.

Creosote.—Seasonal consumption was very good and conditions favorable to a substantial consumption prevailed throughout the country. Prices were well stabilized and distinctly firm throughout the past week.

Formaldehyde.—Since the outlook for synthetic resin business was favorable for the future, formaldehyde proved to be a very steady article last week.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Agar, No. 1, 2c. per lb.
No. 2, 2c. per lb.
Methanol, denaturing grade, 4c. per gal.

Reduced

Sulfanilamide, 25c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.7	182.7	182.5	182.1

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

PHARMACEUTICAL CHEMICALS

ACETANILID
ACETPHENETIDIN
CAFFEINE ALKALOID
CALCIUM LACTATE
GLUTAMIC ACIDS AND SALTS
REDUCED IRON
THEOPHYLLINE ALKALOID

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CREOSOTE
CREOSOTE CARBONATE
GUAIACOL
GUAIACOL CARBONATE
POTASSIUM GUAIACOL SULFONATE

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ACETYLSALICYLIC ACID
SALICYLATES
BENZOATES
BENZALDEHYDE
BROMIDES
FORMALDEHYDE
PARAFORMALDEHYDE
METHENAMINE
GLYCEROPHOSPHATES
SILVER PROTEINS

HEYDEN
CHEMICAL CORPORATION
NEW YORK—50 Union Square
Chicago Branch—180 N. Wacker Drive
FACTORIES: Garfield, N. J., Fords, N. J.

Prices were well stabilized to all appearances and although new production has entered the field, apparently it has been without effect on values.

Glycerin.—The market was apparently very steady. Prices on refined material were well maintained and while spot demand was not especially active, interest in 1939 deliveries was said to be very good and considerable forward business has been written. Stocks of crude appeared to be ample and prices for the same were considered to be favorable for refiners' operators. A stable market was expected to continue over the balance of this year.

CHICAGO, Dec. 15.—Demand for c.p. and other grades of glycerin is reported to be making a good showing. Tone is reported to be firm, with considerable interest shown by buyers. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Iodides.—All except cadmium iodide were firm materials on the basis of higher prices setup sometime back. Cadmium iodide was recently reduced when the cost of metal was reduced to meet competition made possible when the tariff was reduced as a concession to Canada in the recently signed pact.

Menthol.—Quiet conditions governed on spot and prices appeared to be generally steady in most directions. Replacement cost was well maintained in Japan. Stocks in this market appeared ample to cover prompt requirements of the average buyer.

Methanol.—The minimum quotation was 35c. per gallon. Monthly statistics on production of crude and synthetic methanol, representing almost the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of Census, Department of Commerce. The data include production figures for 27 manufacturers for the months of 1938 and for 28 to 29 manufacturers in the months of 1937:—

Production

	Gallons			
	1938.		1937.	
	*Synthetic.	Crude.	*Synthetic.	Crude.
Jan....	2,896,894	458,347	1,835,815	525,070
Feb....	2,290,609	404,970	1,849,302	500,685
March..	2,343,828	342,800	2,071,747	546,662
April..	1,975,999	314,664	2,138,895	531,727
May...	1,860,400	330,875	2,353,497	522,961
June...	1,629,570	295,691	2,263,507	485,943
July...	1,449,607	309,219	2,564,783	465,205
Aug....	1,807,847	277,182	2,735,963	462,584
Sept...	1,929,655	303,225	3,018,333	404,112
Oct....	2,294,532	355,380	3,532,091	423,792
Totals.	20,568,941	3,468,519	24,363,933	4,868,741

* The refined equivalent would be approximately 82 percent of the crude production.

Wood Carbonized

	Cords	
	1938.	1937.
January	44,874	53,813
February	39,587	50,410
March	43,281	54,164
April	31,429	52,116
May	32,873	51,118
June	31,056	49,700
July	29,354	47,525
August	27,512	45,609
September	30,137	39,975
October	33,185	41,810
Totals	344,316	486,339

Quicksilver.—The market was fully firm in all respects. A fair amount of trading was reported, but in the main buyers appeared to be delaying major operations until after the inventory period. Pacific Coast production appeared to be well engaged ahead and hence no important accumulation of unsold metal seemed likely in the immediate future.

SAN FRANCISCO, Dec. 13.—Strength continues to rule the quicksilver market and demand last week found some of the sales agents here unable to fill requirements of buyers. There has been an unusual desire on the part of consumers to buy ahead of production, and at the present writing considerable California metal is sold ahead into next year. Prices are quoted at from $77 to $78 per flask, New York basis.

Quinine.—Steady business was the rule. Seasonal consumption has been very good this Fall and with Winter at hand, the movement was expected to continue in excellent volume. Prices were fully maintained and the market was basically firm.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42⅝	20
Monday	31½	42⅝	20⅛
Tuesday	31½	42⅝	20⅛
Wednesday	31½	42⅝	20⅛
Thursday	31½	42⅝	20⅛
Friday	31½	42⅝	19⅞

Sulfanilamide.—Quotations were reduced to the basis of $1.25 per pound, being the first change to develop for some time past. The trend of values over a long period has been solely in favor of buyers and the market as established last week was considered to be exceptionally attractive to purchasers.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Baltimore Drug Exchange Re-elects Officers

At the annual meeting of the Baltimore Drug Exchange, held recently in the Emerson hotel, officers were returned to office for another term. The officers are:—President, Edward S. Muth, of Muth Brothers & Co.; first vice-president, J. O. Robinson, of the Henry B. Gilpin Company; second vice-president, Frank L. Black, of Hynson, Westcott & Dunning; secretary, W. J. Lowry, of the Yager Liniment Company; treasurer, Leroy Oldham, of Leroy Oldham & Co. Named to the executive board were George M. Armor, of McCormick & Co.; Clarence Klingel, of the Howard Drug Company; M. G. Pierpont, of the Loewy Drug Company, and the officers of the exchange and chairman of the legislative committee. The Legislative committee appointed consists of Charles L. Fardwell, of McCormick & Co. (chairman); Dr. Samuel P. Helms, of the Emerson Drug Company; Howard C. Lamkin, of J. J. Lamkin's Sons; John I. McGinnity, of the Standard Pharmaceutical Corporation, and William J. Lowry.

Bromo-Quinine Claims Barred

The Grove Laboratories, Inc., St. Louis, manufacturer and distributor of "Laxative Bromo Quinine Tablets," has been served by the Federal Trade Commission with an order directing that certain unfair methods of competition in the sale of its product be discontinued. The order prohibits the representation that the preparation will drive out or clean out poisonous infection or eliminate, destroy, or break up cold infection, or fortify the system, and that it has a germicidal effect. Under the order, the respondent company is to cease advertising that the preparation will stop a cold in its tracks, or in twenty-four hours, or in the fastest time on record; or that it will afford "thorough" and "complete" relief from colds.

Armstrong Cork to Buy Hart Glass Manufacturing Co.

The Armstrong Cork Company, Lancaster, Pa., has entered into a contract to acquire the Hart Glass Manufacturing Company, manufacturer of glass containers, Dunkirk, Ind. The acquisition will be made around December 22 on the basis of not more than 19,000 preferred shares of $100 par value of the Armstrong organization for the outstanding stock of the Hart company. As of November 5, 1938, the books of the Hart company showed assets of $1,568,854 and liabilities of $288,483, leaving net worth of $1,280,370. Cash, notes and accounts receivable and inventories were valued at $792,855. Whitall Tatum Company, acquired by Armstrong in June, 1938, has been dissolved.

Sun Ray Drug Company November sales amounted to $502,308, against $495,198 in November last year.

Trade Briefs

J. K. Laird, formerly vice-president of the Weco Products Company, dental specialties, Chicago, has joined the personnel, in that city, of Young & Rubicam, Inc., advertising agency.

International Health Board of the Rockefeller Foundation has donated funds to the State of California for the construction of a laboratory and financing of research on influenza.

R. D. Keim, vice-president of E. R. Squibb & Sons, drug manufacturer, this city, was the speaker before the Advertising and Selling Course December 12. His topic was "Selling a Product to Dealers."

British Import Duties Advisory Committee has decided not to make any recommendation in regard to the application for an increase in the United Kingdom import duty on potassium permanganate.

Walgreen Company, Chicago, stockholders approved December 14 a decrease in the authorized common stock from 1,955,828 shares to 1,955,522 shares by cancelling and retiring 306 shares of issued stock held in treasury.

Medicinals and toilet preparations manufacturers in Cuba have been listed by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American firms at the usual cost of 10 cents per copy.

William H. Gesell, vice-president of Lehn & Fink, Inc., Bloomfield, N J., has been re-elected vice-president of the Society for the Advancement of Management, at the annual conference, held in the Hotel New Yorker, December 9.

Ferguson Company, formed after the dissolution of the Levitt Ferguson Company, has started the manufacture of laboratory instruments at 1643 Warner street, Baltimore. H. J. Bowen is president and J. B. Ferguson the general manager.

Dewey & Almy Chemical Company, Cambridge, Mass., has received formal exchange offers from holders of more than 98 percent of the prior preference and Class B preferred stock, the capital structure readjustment plan has been declared operative.

Agfa Ansco Corporation, of Binghamton, N. Y., manufacturers of photographic chemicals and supplies, will distribute a Christmas bonus amounting to $125,000 to its employees this week. The distribution will reach 2,600 employees of the concern and all workers in service since July 1, 1938, will participate.

Continental Can Distributing Book on Label Designs

The Continental Can Company is distributing a presentation of representative package designs called "Color Commands Attention." This book dramatizes the use of color in modern packaging, with over eighty fictitious label designs shown for standard products packaged in tin, including suggestions for others never before packed in a metal container. Copies of the book are available at the company's office in 100 East Forty-second street, this city.

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A Resting Heron
is all right
Standing on One Leg;
but, in a Business Sense, that
is a Precarious Position
—for a company or a community

Some seven years ago, when the automotive industry had lost the larger part of its gains of the preceding decade, a Detroit professional man, a native of that city, who had known it through all the stages of its exaltation to the World's Motorcar Metropolis, and who, along about 1927, had been glamored into one of its subdivision investments, said:—"I hope to God the automobile never again becomes the mainstay of this man's overgrown town. No place can go along on one big business any more than a man can get along with only one leg. All right for standing still, maybe; but a hell of a handicap to getting out of the way of a house falling down. And when that one leg is kicked out from under him—where is he?"

Don't Stand on One Leg—

Specialization has its advantages — but not specialization in one-legged selling of an industrial material.

When your sole supporting industry finds — as it is very likely to find with the ever-astounding help of scientific development — a new material, better or cheaper, your one leg is kicked out from under you — and where are you?

When some other industry discovers that it can profitably make voluminous use of your material — and it has never heard of you — where are you?

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

McK.&R. Officials Indicted by U.S. Jury

—Continued from page 5

E. Dietrich was started December 16 by the Department of Justice.

On the basis of findings in the investigation by the State's attorney, Supreme Court Justice Aron Steuer ordered, December 10, the impounding of a brokerage account of Mrs. Coster, said to amount to $100,000. Later, Supreme Court Justice W. H. Black ordered a tieup of the accounts of John J. Jenkins, a brother of Mrs. Coster, who had been found to have traded also in the name, "John O. Jenkins," in transactions involving sometimes more than $100,000.

Resignations Demanded

At a special meeting December 12, the directors of McKesson & Robbins demanded the resignations of Coster and Dietrich, and informed the two that, if this demand was not promptly met, they would be removed from office.

Representatives of about a hundred creditors of McKesson & Robbins, at a meeting in the offices of the New York Credit Men's Association, formed a committee to represent their claims, aggregating about $3,000,000 in the reorganization proceedings. The members of this committee are:—

G. P. Thorn, of the Bristol-Myers Company; B. Weinbaum, of the Schenley Distillers Corporation; Herbert C. Melleney, of the Hudnut Sales Company; W. F. Stahmann, of the Bayer Company; Thomas C. Phelan, of the Houbigant Sales Corporation; L. K. Davidson, of the American Safety Razor Corporation; Raymond Holliday, of E. Fougera & Co.; W. H. Lang, of the Bourjois Sales Corporation; John J. Doran, of Parke, Davis & Co.; L. D. Duncan, of the National Distillers Products Corporation; Manfred Jaffe, of the Oldetyme Distillers Corporation; G. W. Patterson, of the American Cyanamid & Chemical Company; M. H. Frank of Hiram Walker, Inc., and H. F. Potter, of E. I. du Pont de Nemours & Co.

A protective committee for holders of the company's twenty-year 5.5 percent convertible debentures was set up, with James Bruce, vice-president of the National Dairy Products Corporation, as chairman, and Frederick E. Owens, 50 Pine street, as secretary. Other members of the committee are Robert L. Hamill, of Sanderson & Porter; Frederick E. Hasler, of the Continental Bank & Trust Company; Edwin Hodge, jr., of the Pittsburgh Forgings Company, and Thomas A. O'Hara, of the Albert Emanuel Company.

Mrs. Hannah Liebling, holder of $3,000 worth of McK. & R. securities, filed a petition December 15 asking the local Federal court to dismiss the company's application to reorganize under chapter 10 of the bankruptcy act. The petition contends that, because McKesson & Robbins, Inc., is a Maryland corporation and has its main office in Connecticut, the New York Federal court did not have jurisdiction in the reorganization proceedings.

Trustees Carrying On

The trustees appointed under the reorganization application have been carrying on all the wholesaling operations of McKesson & Robbins. The various wholesale divisions throughout the country have been functioning normally. The trustees say that every effort will be made to keep the operations of the company going as heretofore.

Activities in the branch in Cliff street, this city, are being directed by the trustees in an endeavor to maintain customary service. Business in this branch is mainly in raw materials and immediate direction of sales and purchases remains in charge of Charles Hermann, who for years has directed the business done in citric acid, menthol, camphor, codliver oil, pyrethrum flowers and numerous botanical crude drugs, chloroform, olive oil, lycopodium, paradichlorobenzene, chromic acid, and benzoates. McKessen & Robbins is the sales agent for synthetic camphor produced by E. I. du Pont de Nemours & Co., and citric acid produced by the Hawaiian Pineapple Company, and is the outlet in this country for the codliver oil produced by Isdahl & Co., Bergen, Norway, one of its subsidiaries.

No McKessons in Concern

No person with the McKesson name has been connected with McKesson & Robbins, Inc., for more than thirteen years. McKesson & Robbins originally was a partnership in the wholesale drug business in this city, founded in 1833 by John McKesson & Daniel C. McKesson. The business was incorporated in 1916 when the son of John McKesson was the directing head.

When the second McKesson died in 1924, there was a division of opinion among the directors as to the future policies of the business. This resulted in a division of the several activities in 1925. The McKesson family group, including Irving McKesson and Donald McKesson, grandsons of the founder of the business, took the chemical manufacturing end of the business and its allied lines. The manufacturing business has since that time been conducted as the New York Quinine & Chemical Works, a corporation wholly separate from and independent of McKesson & Robbins, Inc.

The other group of directors having taken over in 1925 the wholesale drug activities and the pharmaceutical and specialty lines, along with the corporate name, dissolved the former corporation and reincorporated the business in Connecticut. This corporation, in turn, was acquired by the present Maryland corporation.

Proprietary Ass'n Studies Drug Act Provisions

Questions dealing with the manufacture, advertising and labeling of drug products under the new Federal food, drug, and cosmetic act made up the greater part of the discussions at the mid-winter meeting of the Scientific Section of the Proprietary Association, held at the Hotel Biltmore, this city, December 7.

Dr. F. J. Cullen, general representative of the Proprietary Association, explained provisions of the new law and such tentative regulations as have been issued by the Food and Drug Administration, and answered queries of those present. Dr. James C. Munch, consulting pharmacologist, Philadelphia, presented the first of a series of nomenclature studies designed to assist manufacturers in the labeling of products by making available accurate definitions of terms used to describe the action of drugs which act upon the central nervous system, defining such terms as narcotics, anesthetics, hynotics, soporifics, anodynes, and sedatives. He plans to continue his work to include all types of drugs.

Dr. J. P. Snyder, of the Norwich Pharmacal Company, Norwich, N. Y., read a paper on dosage requirements under the new food, drug and cosmetic law, pointing out the difficulties involved in meeting the requirements of the provisions demanding that drug products be labeled with "adequate directions for use" and be accompanied by suitable warnings against their use under certain conditions.

E.L. Patch Company To Celebrate Jubilee

The E. L. Patch Company, pharmaceutical manufacturer, Stoneham, Mass., is fifty years old. In celebration of its jubilee the executives and the members of the personnel of the various departments will gather at a banquet January 26 at 7 p. m. in Armory hall, Stoneham.

Mallinckrodt Chemical Sets Pace in N.Y. Bowling Race

The Mallinckrodt Chemical Works set the pace in the forty-sixth annual tournament of the New York Wholesale Drug Bowling Association. The standings of the teams follow:—

	Won.	Lost.	Pct.
Mallinckrodt	17	7	.953
Church & Dwight	18	9	.879
E. R. Squibb & Sons	16	11	.902
Chas. Pfizer & Co.	14	13	.882
Chas. L. Huisking	12	12	.865
Carbide & Carbon	13	14	.918
Fritzsche Bros.	12	15	.797
R.&H. Chem.-DuPont	11	16	.829
Lanman-Kemp-Barclay	10	17	.785
American Spice Trade	9	18	.844

N.S. Shapero to Be Dined

The Drug, Cosmetics, and Allied Division of the American Christian Committee and the Joint Distribution Committee will tender a testimonial dinner to Nate S. Shapero, president of the National Association of Chain Drug Stores, January 19. The dinner will be in the Biltmore hotel, this city.

Herman L. Brooks, of Coty, is chairman of the committee of arrangements. The proceeds of the ticket sale will be given to the two relief organizations.

Botanical Drugs, Spices, and Gums

Spot Scarcity and Signs of Much Larger Demand Raises or Strengthens Prices on Rose and Lavender Flowers —Powdered Papain Up—Rhubarb Lower

The general character of the botanical drug market changed very little last week. With the end of the year but three weeks away at the beginning of the past week, buyers displayed the brand of conservatism in buying usually basis of the market in most years. Only jobbing demand was reported so far as prompt delivery orders were concerned. Against this was the very fair amount of orders booked for either delivery or involving after the turn of the year.

Prices were mainly downward in direction, but the changes were rarely more than moderate in extent; an exception was malva bowers, which dropped sharply under competition declared to be unwarranted so far as replacement cost was concerned. Definite easing in rhubarb for shipment led to spot concessions. Increase in stocks of barberry root bark was hailed by a moderate decline. All cassia showed unsettlement that led to weakness and decline in prices. Roman chamomile bowers, and canella bark were down. Most of the other reductions affected either seeds or spices.

Liverwort leaves were advanced substantially, but the minimum of quotations had yet to reach the price views held in some quarters. Powdered papain was quoted higher, but lack of actual competitive business made impossible a confirmation of the rise. Scarcity of pale rose and red poppy bowers, together with an expanding demand for the already scarce lavender flowers made the entire group very strong; some were quoted higher.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	1,065	2,470
Belladonna	51	364
Caraway	1,434	26,736
Cardamom (cases)	49	1,389
Celery	...	2,896
Coriander	2,378	11,726
Cumin	856	1,166
Digitalis leaves (cases)	68	88
Dill	...	653
Fennel	267	990
Henbane leaves (bales)	42	181
Mustard	200	31,361
Poppy	800	53,563
Sage leaves (bales)	49	2,037
Sesame	1,360	3,761
Stramonium (bales)	589	658
Thyme (bales)	9	940

Price Changes

Prices were changed during the past week as follows:—

Advanced

Arabic gum, ¼c. per lb.
Cubeb berries, whole, 1c. per lb.
Clove, Madagascar, ¼c. per lb.
Gentian root, whole, ¼c. per lb.
Liverwort leaves, 4c. per lb.
Millet seed, yellow, ½c. per lb.
Papain, powdered, 12c. per lb.
Poppy flowers, red, 15c. per lb.
Rose flowers, pale, 10c. per lb.

Reduced

Barberry, root bark, 1c. per lb.
Canella bark, 1c. per lb.
Chamomile, Roman, 2c. per lb.
Cumin seed, Algerian, ¼c. per lb.
Cassia, Batavia, No. 1, ¾c. per lb.
shortstick, 1c. per lb.
China, rolls, select, ½c. per lb.
broken, ¾c. per lb.
buds, ½c. per lb.
Fennel seed, German, small, 1c. per lb.
Ginger root, Cochin, ¾c. per lb.
Laurel leaves, ¼c. per lb.
Malva flowers, 10c. per lb.
Mustard seed, Bombay, brown, ¼c. per lb.
Nutmegs, 110's, 1c. per lb.
Pepper, white, Saigon, ½c. per lb.
Rhubarb root, whole, 1c. per lb.
powdered, 1c. per lb.
Rapeseed, Belgian, ½c. per lb.
Senna leaves, siftings, 1½c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
119.0	**119.1**	**119.6**	**138.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Peru.—Trade was very light. Small orders were not numerous and hence the total of trade was down well within the usual limits of end-of-the-year business. Prices were about steady.

Tolu.—Jobbing business was noted and trade was usually on a hand-to-mouth basis in that respect. Prices lacked quotable change and seemed to be reasonably steady throughout the past week.

Barks

Barberry.—Fairly substantial arrivals of root bark were noted during the previous trading period and local quotations at the close of the week under review were down to the basis of 19c. to 20c. per pound. Conditions were favorable for buyers.

Canella Alba.—Not much trading has been done in this bark of late, but last week two lots of fairly substantial size moved to buyers on the basis of 29c. to 30c. per pound, this being a slight recession in values.

Elm.—Immediate deliveries were seldom in request last week, but there was a fair amount of trading done in merchandise to be shipped after the turn of the year. The market was fully steady at firm prices.

Sassafras.—Activity appeared to be in abeyance until the turn of the year at which time fairly substantial deliveries will be made against orders that have been placed on that basis during the past fortnight. Quotations were steady to firm.

White Pine.—Some fair business of seasonal sort has been done, but most of that consummated last week was either invoicing or shipment as of January 1 next. Undertones were reported to be generally steady.

Beans

Tonka.—Most business was of the jobbing variety that had no effect other than continuing the recently very steady prices for all varieties of this article. Competition was negligible.

Vanilla.—While the market was not especially active, that was caused mainly by seasonal influences. Basically, all markets were firm to strong, with stocks far less than normal and replacement offerings from primary sources being not only infrequent, but always at comparatively high prices. Local sellers were reserved, viewing the future as one probably committed to advancing prices and hence making conservation of stocks an important part of general sales policies.

Berries

Cubeb.—Whole berries were slightly higher at 28c. to 30c. per pound, but no change in quotations on powder were reported. In the main the situation did not appear to be importantly different from the fairly firm and moderately active market prevailing in recent weeks.

Saw Palmetto.—So far as spot business was concerned, stocks were more than ample to care for the small volume of demand reaching local sellers during the past several weeks. Conditions were unchanged last week. Prices were low and generally steady.

Flowers

Chamomile.—Roman flowers were higher in some quarters at 35c. to 36c. per pound, being in much stronger local position as the result of strength at the source of supply. Others quoted 28c. to 32c., as to quality. Hungarian flowers lacked quotable change, but were substantially firm.

Lavender.—Stocks were on the short side, and, with the outlook for much larger demand being excellent, local sellers were reserved and were also disposed to expect further advances in quotations.

Malva.—A substantial reduction brought spot prices to the basis of 35c. to 37c. per pound when competition pressed actively against a narrow and thoroughly inactive spot market.

Poppy.—Prices were higher at a minimum of 70c. per pound, while in some quarters as high as $1 per pound was being asked. The supply was small and not readily subject to increase.

Rose.—Pale flowers were higher at 40c. per pound, being in low supply and likely to be in steadily expanding demand as manufacturing consumers prepare to meet the expected much larger demand for some of their products when the World Fair begins. At the close of the week the market was nominal at 40c., with no goods being offered. Shipment goods were unobtainable.

Gums

Arabic.—Quotations were a small fraction higher at 9c. to 9¼c. per pound for sorts. This was a readjustment that brought the local market more definitely into line with that prevailing at the source. Demand was very light throughout the period.

Kino.—Spot stocks were exhausted and the market was purely nominal. Leading suppliers reported inability to make replacement purchases in the primary market, and hence there was nothing to show when a return to firm quotations would develop.

Guaiac.—Trading was hand-to-mouth and solely jobbing in character. Prices remained steady in the absence of substantial competition. Stocks were not overly abundant.

Herbs and Leaves

Buchu.—Very little interest was disclosed in this article last week, but that was no more than might be expected normally at this season of the year. Values appeared to be steady in addition to being favorable.

Ephedra.—Plentiful stocks were in the hands of leading manufacturing consumers whose output of ephedrine and its salts were said to be meeting fully current and nearby future requirements of buyers of those entities. Prices on the herb were easy.

Liverwort.—Leaves were higher at 22c. to 23c. per pound, being based on current replacement cost and being maintained regardless of the not substantial demand for the material at this time.

Peppermint.—Foreign leaves were strongly held locally, mainly because there was doubt of importers being able to get normal shipments from Germany in the future. The policy of making Germany as self-sufficient as possible has been reported to have led officials to ban imports of tea. A substitute is to be made of German leaves, herbs, and the like, among which peppermint is said to be one of the raw materials used.

Senna.—Siftings were lower at 8½c. to 9c. per pound. The balance of the group was generally steady, and the prospect for trade after the turn of the year was considered to be better than fair.

Miscellaneous

Cantharides.—Both Chinese and Russian flies were firm. Shipments from China were reported stopped, possibly by the alleged destruction of stocks held in South China. However, demand for Chinese flies is never large. There still remained a fair reserve of the U.S.P. Russian flies.

Grains of Paradise.—Moderately sized spot offerings were made at 45c. to 48c., but the situation remained generally tight so far as the ability of local sellers to place normal replacement orders at the source.

Lycopodium.—The market was inert and prices remained at 90c. to 95c. per pound, according to seller. So far as known, no business was done. It should be kept in mind that representatives of the Russian shippers recently declared that they would make no exports direct to this country during the coming year.

Papain.—An apparent strengthening of prices on powder was noted and quotations were $1.20 to $1.25 per pound late last week. However, since no business reached the market on a competitive basis, it was not entirely certain that the improvement in values was actual.

Roots

Aletris.—Firm prices, but lack of much activity, was the general report and for the most part the situation appeared likely to remain steady over the balance of this year.

Gentian.—Whole was higher at 7½c. to 8c. per pound, while powder and granular material were firmer, but lacking in quotable change. Larger demand was expected to come with the new year.

Rhubarb.—Shipment quotations were easier and lower, being reflected on

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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59 John Street, New York

spot by a decline in quotations to the basis of 35c. to 36c. per pound for whole, and 40c. to 41c. for powder. Should exports be resumed in normal quantities, some expected that the market would work still lower.

Seeds

Anise.—Star seed was lower at 15c. to 16c. per pound. Spanish was unchanged. Seed offered as Mexican, and Syrian was named at 11c. to 13c. per pound, while some Russian was quoted at 12c. to 13c. The buyer of anise was faced by a large variety of merchandise, and, according to some, with a wide difference in quality.

Cumin.—Algerian seed was down ¼c. to the basis of 8¼c. to 8⅝c. per pound. No offerings of Morocco were reported. Demand was routine and solely of jobbing proportions.

Fennel.—Small German seed was cheaper at 12c. to 13c. per pound. This was the sole price change in the fennel group. Other items were about steady, and none were in especially good request.

Millet.—Yellow seed continued to display the strength noted when stocks became comparatively scarce. Prices were higher again last week, standing at 3.35c. to 3.50c. per pound at the close of the past week.

Mustard.—Bombay seed was shaded to 4¼c. to 4¾c. per pound, being the sole change in mustard seed prices during a week notable only for the very small, strictly jobbing, demand. And stocks were ample for much larger trading.

Poppy.—Dutch seed was a small fraction higher at 7¾c. to 8¼c. per pound. Polish material lacked quotable change. The situation at home and abroad changed very little. Stocks held by consumers here covered nearby future requirements sufficiently to make the spot market probably a quiet affair for some time to come.

Rape.—Belgian seed was lower at 6⅛c. to 6½c. per pound. Dutch black and red, and Japanese material, too, held free from quotable change. Trade was along jobbing lines.

Spices

Cassia.—General downward revision of prices took place. Batavia No. 1 was down to 15c. to 15½c. per pound; shortstick, 11½c. to 11¾c.; buds, 15c. to 15½c.; China rolls, select, 8¼c. to 8½c.; extra select, broken, 8½c. to 8¾c.; Saigon, 14½c. to 15c. Lower replacement costs hit a dull market and stimulated a deal of competition in local circles.

Clove.—Madagascar spice was slightly higher at 16c. to 16½c. per pound. Zanzibar remained unchanged. Business was of jobbing size and consisted solely of pressing needs.

Ginger.—In the main, prices held very steady, but in the case of Cochin lemon, they were shaded to 9½c. to 9¾c. per pound. Undertones were generally steady. Sellers looked for small business between now and the turn of the year.

Nutmegs.—Prices on 110's were reduced to 16c. to 16½c. Other varieties of nutmegs lacked change and appeared to maintain a quiet but very steady price position.

Peppers.—Saigon white pepper was off to the basis of 7⅛c. to 7⅜c. per pound. Black pepper was about steady, while the group of reds was on the firm side.

Trading in black pepper futures on the New York Produce Exchange from December 10 to December 16, inclusive, comprised 110 contracts, a total of 3,696,000 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	4.66	4.60	4.57@4.60
March	4.75	4.66	4.64@4.67
May	4.84	4.75	4.75 sale
July	4.92	4.85	4.82@4.86
September	5.02	4.92	4.92 sale
October	5.03	4.97	4.92@4.98
November	5.06	4.99	4.93@5.05
December	4.58	4.58	4.60 ——

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Essential Oils, Aromatic Chemicals

Ceylon Citronella Lower Under Competition—Scarcity of Tansy Emphasized by Further Price Rise—Ti Tree Oil Down —Rue Firmer and Higher—Peppermint Steady

Business in essential oils and aromatic chemicals continued along quiet lines usually found to prevail toward the end of the year. For the most part, only urgent needs reached suppliers and most of the quantities bought were small in size. Prices were mainly steady and for the most part the entire list was on the low side.

Higher quotations developed on rue and tansy oils. Replacement on the former was higher, while stocks of the latter have never been so small, this because of a disappointingly small production this year.

Ceylon citronella was lower on the spot. Primary market prices were mainly too high to encourage the development of much interest here, especially as concerned those buyers who can use Java oil. The latter continued available for shipment at prices below the levels prevailing on Ceylon oil. Ti tree oil was down, thus bringing this article into a more favorable position which was expected to increase interest in this comparatively new material for use by the cosmetic trade.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Rue, 10c. per lb.
Tansy, 25c. per lb.

Reduced

Citronella, Ceylon, 1c. per lb.
Ti tree, 25c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.7	68.7	69.4	78.0

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Amber.—Well stabilized prices prevailed locally. Interest of buyers was moderate last week and trade was strictly along jobbing lines throughout the period. Stocks were of fair size.

Anise.—Conditions were very steady. Prices held unchanged and did not appear to be subject to an early shift from current levels. Basically, the market was one of considerable strength because of the situation at the primary source of supply.

Bergamot.—Jobbing business was reported sufficient in size to keep the spot market very steady throughout the past week. Quotations were well maintained and the market was clear of competitive tendencies.

Bois de Rose.—Inquiry was restricted to small lots and volume of business done by conservative in size. Prices were steady to firm throughout the period.

Camphor.—The situation remained strong because of shortage in stocks and inability of importers to place normal replacement orders in the Japanese market. Open quotations were definitely nominal.

Caraway.—The primary market was steady to firm at prices which were thoroughly well maintained. Locally a quiet market was reported but values were unaffected; they remained very steady at levels quoted for some time past.

Cassia.—Some fair-sized business was done in small lots and the local market was found to be very steady at unchanged prices. The replacement situation still held possibilities that might eventually bring about an increase in local values.

Citronella.—Ceylon oil on the spot was reduced to 32c. to 33c. per pound in drums, and 34c. to 35c. in cans. The primary market continued to be higher in price than that for Java oil and that naturally reduced interest to some extent. A quiet market was expected to prevail over the balance of this year.

Clove.—Irrespective of the not very active demand for prompt deliveries, the market on this oil remained very steady and values were fully maintained by the distillers. Some interest in deliveries for January and forward was reported.

Dill.—The market was mainly confined to jobbing needs and on the whole the undertone seemed to be somewhat easier in most quarters. However, no change was made in open quotations last week. Supplies were adequate.

Geranium.—Shipment prices on Turkish oils were said to be higher without exciting any interest whatsoever on the spot. Bourbon and Algerian oils were cheap and in ample reserve, and hence most attractions were in these materials at steady prices last week.

Grapefruit.—According to reports issued by the Department of Commerce, Southern manufacturers of this oil are in a position to produce 500,000 pounds of this oil annually when and if new uses can be found to raise consumption. At present, production is sufficient to meet worldwide demand easily. Prices were steady.

Ginger.—Stable cost of raw material had given stability to prices on this oil. While spot business was light last week, a fair booking of January deliveries was reported in some directions.

Lavender.—The market was quiet but very steady. Most sales were for deliveries after the turn of the year. Buyers were disposed to keep inventories as low as possible. The undertone of the market was slightly on the firm side, and values appeared to be close to stabilization.

Lemon.—California oil continued to hold in highly stable position. Stocks were sufficiently large to provide an excellent reserve to meet consumer requirements, and the outlook on the whole was favorable to the maintenance of a very steady position. Italian oil was also on the firm side. Immediate demand was moderate.

Lemongrass.—Stocks in the primary market were likely to be smaller than usual because of the severe drought that has resulted in a general reduction in products of an agricultural character. Locally the market was quiet as to demand and low as well as easy as to price.

Lime.—Not much prompt delivery business was done last week, but the market seemed to be reasonably steady, notwithstanding. Mexican goods continued to offer West Indian oil sereve competition, and prices for the former were easy as well as low. Jobbing trade made up the backbone of trade last week.

Orange.—California oil continued to show the way to all other varieties of this oil. Stocks were ample and prices were the lowest ever to prevail. Foreign oils were in easy position and competition between the many varieties was severe. Especially so when the very moderate demand noted last week was considered.

Peppermint.—A steady but totally uneventful market prevailed on spot. Stability appeared to prevail at all times, and no tendency toward shading could be found locally. Stocks were ample for considerably more than the current undertakings of manufacturing consumers. Country market conditions also pointed to complete stabilization of values.

Rue.—The market was higher at $3.85 to $3.95 per pound, under the influence of a generally firmer position of the material at all points. A fair business confirmed the advance.

Spearmint.—Little business was reported, but the market was firm in all respects and competition in local circles was negligible. Values were considered to be on the low side, and hence it was said that any substantial expansion in demand could well be productive of a higher schedule.

Tansy.—Stocks have never been so low as at present, and, to an important

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

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degree, the market was virtually nominal. Quotations for the little oil available on spot were higher at $6.50 to $6.75 per pound last week.

Ti Tree.—Leading suppliers announced a reduction in price to the basis of $2.50 to $3 per pound, ruling according to quantity. The inside prevailed on five-pound lots, while the outside governed when single pounds were sold.

Vetiver.—The market was quiet and fairly easy, without any actual change having been made in price last week. Demand was on a hand-to-mouth basis, quite in keeping with the volume of trade common to the market in the closings weeks of the year.

Wormseed.—A steadier situation has developed. Interest of buyers was reported still to be quite active, and prices were low enough to be especially attractive to those with needs to fill. Sellers expected that continued sale of this article in present volume will eventually bring about a much firmer situation.

Aromatic Chemicals

Anethol.—Not much demand was reported, but prices were very steady because of the absence of normal shipment of replacement stocks of raw material. Sellers were inclined to be reserved.

Eucalyptol.—In keeping with the season of the year, business was reported to be fairly good last week. It was productive of sufficient volume to keep quotations generally steady and to eliminate most competitive influences.

Methyl Anthranilate.—Business was routine in a generally quiet market. However, undertones were mainly steady in all respects and values were well maintained throughout the period.

Methyl Cinnamate.—Inquiry for new year deliveries was fair and contributed much to the maintenance of prices on a very steady basis. Competition was negligible. Supplies were sufficient to cover any reasonable expansion in request.

Thymol.—Values have been stabilized for some time, and leading suppliers indicated last week that prices were well maintained and free from unsettling influences. Outlook for business after the turn of the year was better than fair, it was said.

Travelers' Auxiliary of the Maryland Pharmaceutical Association, which usually supplies the fun for the larger body, went on its own the evening of December 3 and gave an advance demonstration of Merry Christmas by a social gathering in a Baltimore restaurant. Fun ran high, and the group lived up to its exuberant reputation. Norris Busick, the president, acted as majordomo.

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Fishbein Talks About National Health Aims

—*Continued from page 3*

ty Board has developed a system by which it is assisting farm families of low incomes to provide themselves with medical service. Not one of those innumerable plans could operate successfully or render even a low grade of medical service were it not for the fact that the medical profession is doing its utmost to cooperate in such endeavors.

The medical profession opposes compulsory sickness insurance, not because of its reluctance or unwillingness to support sound measures for the improvement of medical care, but rather because it feels that such systems will lead to the greatest bureaucracy yet developed in the history of this country and to increasing interference by the government in the intimate and personal affairs of our citizens. The danger exists, not only for medicine, but, indeed, for the entire democratic system of government. It is strange that the great totaliatarians and Aristotelians of today were the first to establish such systems.

The American Medical Association feels that it is impossible to apply a single plan for all parts of the United States and that local determination of local needs, local responsibility, and local control over methods of treatment of the sick is the only safe procedure under a democratic government. The medical profession of this country has contributed and is contributing at least $1,000,000 a day for free medical service for those who cannot pay. Need there be any greater warrant of the willingness of the medical profession to do its utmost in solving this problem?

James C. Chilcott, president of the Maltine Company, was toastmaster and introduced Dr. Fishbein.

Calvert Drug Company Holds Annual Meeting

The Calvert Drug Company, cooperative drug wholesaler, held its annual meeting December 7 in Schellhase's Restaurant, Baltimore. Reports presented by various officers stated that the year drawing to a close showed steady improvement in the volume of business and the outlook for the next year was bright. Stockholder members discussed various matters relative to management and elected officers in addition to enjoying a dinner. The appointment of John A. Crozier as manager of the warehouse on Redwood street to succeed Albert E. James, who died several months ago, was confirmed. William E. Brown, who was re-elected president for the eighth successive term, presided. Other officers chosen were: Vice president, Charles L. Meyer; secretary, J. W. Dorman; treasurer, Samuel Y. Harris; directors: Samuel Y. Harris, Charles L. Meyer, William E. Brown, Reginald G. Morrison, Charles H. K. Knight, J. W. Dorman, Charles H. Morgan, L. M. Kantner and Philip J. Boening.

Inedible Fats Ass'n Elects

The Association of American Producers of Domestic Inedible Fats went on record, at its recent annual meeting in Chicago, as favoring import or excise tax on all oils made from nuts or kernels of any specie of the palm tree; the retention of present rates of excise and import taxes on imported fats and oils, and that the rendering industry be classified as a separate industry in connection with the wage and hour law.

The following officers were re-elected:—

President, R. E. Morse, of James F. Morse & Co., Boston; vice-president, Harry J. Burrichter, of Baugh & Sons Company, Philadelphia; secretary-treasurer, Franklin B. Wise, Washington.

In addition to Mr. Morse and Mr. Burrichter, the following directors were named:—

A. L. Buxton, of the Kentucky Chemical Manufacturing Company, Covington, Ky.; J. W. Devorss, of the Consolidated Rendering Company, Boston, Mass.; J. Golden, of the Colorado Animal Byproducts Company, Denver, Colo.; F. P. Hall, of the Sioux Falls Rendering Company, Sioux Falls, S. D.; William C. Butler, of Darling & Co., Chicago; A. M. Hayes, of the Van Iderstine Company, Long Island City, N. Y.; J. Herman, of the Retailers Tallow & Calfskin Association, Milwaukee, Wis.; B. J. McWatters, of Theobald Industries, Kearny, N. J.; R. E. Morse, of Jas. F. Morse & Co., Boston, Mass.; S. Ray, of the Standard Rendering Company, Kansas City, Kan.; R. R. Sage, of the Mutual Rendering Company, Philadelphia, Pa.; W. Schaefer, of the Willibald Schaefer Company, St. Louis, Mo.; D. Pfeiffer, of the Akron Rendering Company, Akron, O., and R. B. Selig, of the Union Products Corporation, San Francisco, Calif.

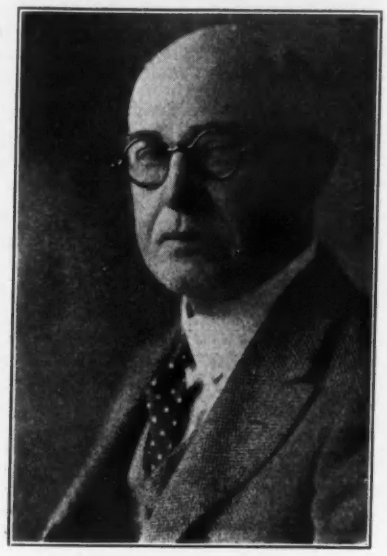
St. Louis Paint, Varnish and Lacquer Association will hold a Christmas party in the Coronado hotel December 19.

Obituaries

William J. Mooney, Sr.

William J. Mooney, sr., president of the Mooney-Mueller-Ward Company, wholesale druggists, Indianapolis, died December 14, following an illness of two days. He was seventy-five years of age.

Born in Washington, Ind., Mr. Mooney attended the parochial schools in that city, and started his business career as a thirteen-year old drug clerk



William J. Mooney, Sr.

in the Blue Front drug store, Washington. He went to Indianapolis about 1880 to work for the A. Kiefer Drug Company, subsequently becoming general manager. He left the Kiefer organization in 1902 to form a partnership with J. G. Mueller, known as the Mooney-Mueller Drug Company. In 1915 a consolidation was effected between the Mooney-Mueller Drug Company and the Ward Brothers Drug Company, the new firm becoming known as the Mooney-Mueller-Ward Company, of which Mr. Mooney became president. He was a former president of the Indianapolis Board of Trade, and belonged to the National Wholesale Druggists Association. Survivors are a son, William J. Mooney, jr., and a brother, Lawrence J. Mooney.

Walter Glensmann

Walter Glensmann, a research chemist for the American Cyanamid Company, this city, was killed December 12 in an explosion of chemicals in the research laboratory of the company at West Stamford, Conn. He was twenty-eight years of age. Mr. Glensmann was operating a gas-heated still subliming metaniline to make a resin, when the still blew up. He was a graduate of Columbia University. Surviving are his wife and one son.

Harry W. Calkins, retired chemist, died in his home in Los Angeles November 30. He was fifty-two years of age. Surviving are his wife and a stepson.

Prof. Charles F. Heebner, former dean of the Ontario College of Pharmacy, died in his home in Toronto December 11. He was seventy-nine years of age. Surviving are his wife and three daughters.

Thomas C. Sheehan, who retired as president of the Durham Duplex Razor Company about a year ago, died December 15 in a hospital in Montclair. He was sixty-eight years old. Surviving are his wife and five children.

Reizenstein and Litter Back

Louis J. Reizenstein and Leon Falk, jr., of Falk & Co., vegetable and fish oil refiners, Pittsburgh, and David H. Litter, of D. H. Litter Co., manufacturers' agent, this city, have returned from their annual cruise and fishing party off the Florida coast. The party left Hollywood, Fla., November 28, aboard the Martina III, Mr. Falk's yacht, and cruised south to Tortogas where they arrived December 9.

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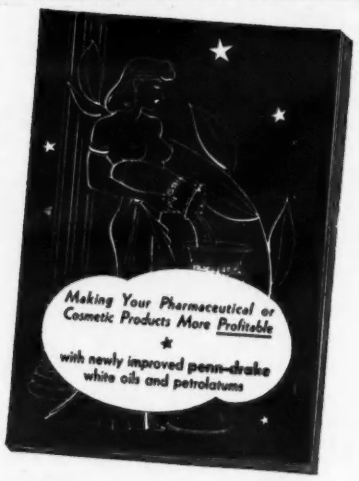
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Petroleum Solvents, Lubricants, Fuels

Tankcar Prices for V.M.&P. Naphthas and Rubber Solvents Reduced In New Jersey—Gasoline Stronger—Crude Oil Output Higher

Lower prices for tankcar lots of v.m. & p. naphthas and rubber solvents in New Jersey provided the feature of the market for petroleum raw materials for industry. The New York market was unchanged and the position of the Midcontinent market was also unchanged. The demands have been moderating as the period for year-end inventories approaches.

Gasoline and other refined oils had a slightly steadier tone. The Midcontinent refinery market was strengthened by the favor of a fairly heavy consumption of gasoline albeit the crude oil situation in the Southwest appeared somewhat shaky.

Daily average production of crude oil in United States for the week ended December 10 was 3,245,100 barrels, an increase of 21,450 barrels over the preceding week, according to the American Petroleum Institute estimate. The daily average output at this time last year was 3,414,450 barrels.

Solvents and Diluents

The Eastern market for petroleum solvents and naphthas was featured by a reduction in the tankcar price of v.m. & p. naphthas in New Jersey. Tankcar prices for rubber solvents also declined in the New Jersey market. There were no changes made in New York or at other Eastern points. The position of the Midcontinent market was unchanged. The demands of the market were light throughout.

Aromatic Naphthas.—The market continued in an unchanged position. Prices held at the levels that have been in force since mid-Summer and seemed steady at that basis.

Petroleum Thinners.—The demands have undergone some moderation in view of the approaching year-end inventories. While there have been no changes in the tankcar prices in the Eastern section, the market was not believed to have been very strong.

Rubber Solvents.—The feature of the week was a reduction of ½c. per gallon in the tankcar price in New Jersey where the sellers were now offering the material at 9c. per gallon. There was no change in the New York market and no changes were reported from the Midcontinent refineries.

V. M. & P. Naphthas.—Tankcar prices in New Jersey were also lowered ½c. per gallon last week. The New Jersey price is now 9c. per gallon. The New York tankcar price continued at 9½c. per gallon. The Midcontinent market continued without change.

Markets at Other Centers

Chicago, Dec. 15.—The petroleum solvents and diluents are marking time, insofar as important changes in the price structure are concerned. Recent developments have indicated a little price irregularity, but as a whole the market seems to be fairly stable. Movement is good on the whole. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 3¾c. to 4c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tankwagon; rubber solvent, 6⅜c. to 6½c.; lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tankwagon; v.m.&p. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, Dec. 15.—The quotations for Stoddard, cleaners, v.m.&p. and mineral spirits are unchanged.

Lighter Fractions

The group of liquefied petroleum gases passed the week without much change of position. The most recent reports from the producers indicated that the market was steady and that the movement of materials out of the suppliers' hands was routine. There were no changes in price.

Butanes.—The price of 3¾c. per gallon for tankcar quantities of the 16-34 degree product continued in force at the Group 3 producing points.

Heptanes. — Conditions surrounding the market for this material were also unchanged last week. Schedule prices were in force and the movement of material out of sellers' hands was routine.

Octanes.—This mixture shared in the general uneventfulness of the market for light hydrocarbons.

Petrolatums and Waxes

White Mineral Oils.—The sellers of Russian oil have not changed their prices and did not follow the recent reduction made by the suppliers of domestic oil. There has been a fairly active trade in both technical and U.S.P. oils since the reduction in price.

Paraffin Waxes.—The scale wax market continued in an unchanged position last week. There was not much buying interest from either the domestic or export accounts and the prices were 2.30c. per pound for 122-124 A.m.p. grade and 2.35c. per pound for the 124-126 A.m.p. The prices for fully refined wax continued unchanged and the sellers were writing contracts for 1939 at the current price levels.

CHICAGO, Dec. 15.—The refined paraffin wax market remains fairly active even at this year-end period when buyers normally are in a more conservative frame of mind. Inquiries are being followed by orders in a good proportion of cases and the current volume seems to be fairly satisfactory. Ruling prices are:—122-124, bags, 4c. to 4.05c. per pound; 125-127, 4.1c. to 4.15c.; 127-129, 4.45c. to 4.5c.; 130-132, 4.75c. to 4.8c.; 132-134, 5c. to 5.05c.

TULSA, Dec. 15.—Wax is still one of the strong spots of the markets with quotations very firm and the movement of high proportions. The 124-26 American crude is 2¼c. to 2½c. per pound.

Petrolatum.—The amber grades continued to look strong. Although there has been no mark-up in price, some of the refiners were much stronger in their views than they were a few weeks back. There has been a fair volume of trade in the past week or so.

Fuels and Lubricants

The Eastern tankcar gasoline market was a little stronger last week. The low-priced offerings of 65 octane gasoline seemed to have disappeared from the market and the "going" position was at the fully quoted levels. Kerosene continued unchanged in price and in a little better demand.

The State of the Petroleum Market

There were no changes in crude oil prices last week. The gasoline market was somewhat stronger.

	Dec. 16	Dec. 9	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.11	$1.11	$1.322
Gasoline prices at refineries (at four refining centers) per gallon	.0478125	.0484375	.0525

Market Conditions

Gasoline.—The local tankcar market showed a little more strength last week. The price for 65 octane material was quoted at 6c. per gallon, basis refinery, and the sellers were quite firm in their demands for that figure. A week ago, some material had been moving at 5¾c. per gallon but most of this fuel seemed to have been absorbed and there were no 5¾c. per gallon quotations reported last week.

Kerosene.—The Eastern refinery market encountered a little more activity last week. The price situation was undisturbed and the refiners continued to quote tankcars of 41-43 water white material at 4¾c. per gallon, basis refinery.

Fuel and Gas Oils.—The bunker oil market continued in an unchanged position last week at 95c. per barrel for C grade oil, f.o.b. terminals. There was no change in Diesel fuel. Heating oils and gas oil were also unchanged in prices.

Lubricating Oils.—The Pennsylvania market continued quiet and there was not much change in the tenor of the market. Bright stocks, neutrals and sylinder oils were unchanged.

Markets at Other Centers

Tulsa, Dec. 15.—Despite unsettling developments in the crude oil markets in various parts of the midcontinent and central states, there appears a somewhat steadier tone in the refined oil markets. The continuance of larger than expected consumption of gasoline and the favorable statistical position of this product is apparently overshadowing other weakness.

The crude oil market continues to soften at various points and the amount of oil being refined at less than posted prices continues to increase substantially as additional refiners are reducing prices and the quantities available in the new Illinois fields are increasing due to new wells. These conditions are making marketing of mid-continent products more difficult, but thus far appear to be causing no distress in the southwest, although the competition of lower priced heavy oils is being felt keenly here.

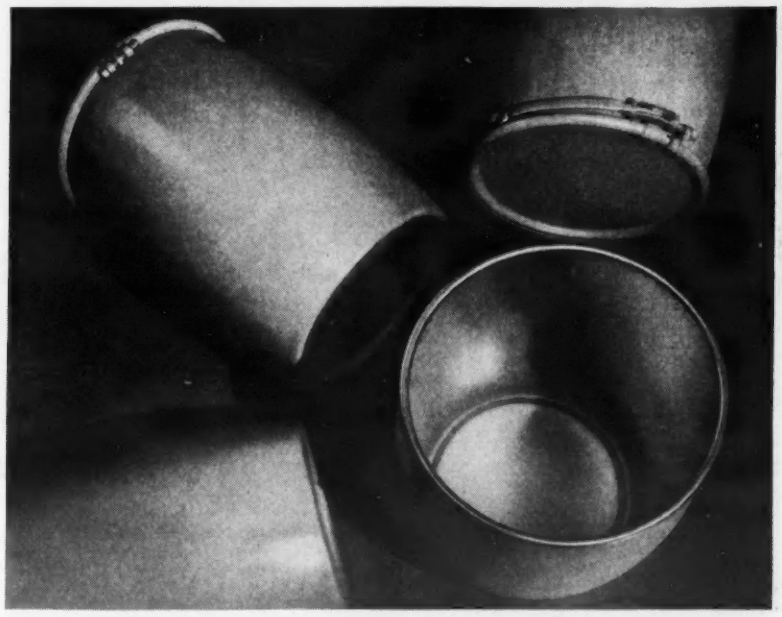
Petroleum Production—Motor Fuel Stocks

	1938 Jan. 1-Dec. 17 (Barrels)	1937 Jan. 1-Dec. 17 (Barrels)
Commercial crude oil production	1,143,844,000	1,220,289,000
	Week ended Dec. 17, 1938	Week ended Dec. 18, 1937
Daily average production	3,231,076	3,406,100
	Week ended Dec. 10, 1938	Week ended Dec. 3, 1938
Estimated motor fuel stock total	68,587,000	69,155,000
Estimated finished motor fuel stock at refineries	37,945,000	37,693,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

★ STARLIGHT PETROLATUM ★
Refined in all grades for over 45 years
STARLIGHT REFINING COMPANY Karns City, Pa.

SHERWOOD'S WHITE OILS
GUARANTEED QUALITY — ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY—WARREN, PA. MAIN OFFICE—ENGLEWOOD, N.



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No seams, cracks or crevices are found in Hackney seamless bilged barrels. Damage to the contents resulting from rust or residue is avoided. The smooth, flawless interior enables easy and *complete* cleaning. The sanitary features of the seamless construction cannot readily be duplicated in a pieced container.

The Toggle-tite closure securely holds the head air-tight to the top edge, preventing leakage or the entrance of foreign matter while in transit or when the top is removed.

The cold drawing process adds strength to the bilged sides of the barrel, minimizing the possibility of denting or damage, without increasing the weight. Economical performance records of thousands of Hackney Containers are your assurance of complete satisfaction. There are over thirty-five years of experience behind Hackney containers for gases, liquids and solids. Write for complete information about the most practical container for your needs. No obligation.

Hackney MILWAUKEE
PRESSED STEEL TANK COMPANY
308 S. La Salle St., Rm. 1143, Chicago 1319 Vanderbilt Concourse Bldg., N. Y.
1453 So. 66th Street, Milwaukee, Wis. 642 Roosevelt Bldg., Los Angeles, Calif.
Containers for Gases, Liquids and Solids

There has also occurred additional price reduction in the tankwagon and service station markets in the middle west a result of some Illinois refiners paying a lower than mid-continent posted prices. The additional freight differential in their favor is steadily working to lower the retail structures both in gasoline and heavier oils. This pressure is causing some uneasiness as the continuance of the trend would enlarge the territory in which lower prices prevail and there is fear that national price repercussions might ensue.

A fair volume of trading in gasoline is still being effected, but because of weather conditions and the expansion of refining of lower priced Illinois oil, the demand for the burning oils has been sluggish in the mid-continent. Offerings increased during the week. Offerings of motor fuel were not being pressed so actively as a week ago. There has been a desire on the part of the small plants, however, to liquidate the third grade, because of the likelihood of the general adoption of the 67 octane for this grade after the first of the year.

The exception to the general trend is natural gasoline which continues to gain in price. Another one eighth of one cent per gallon was added to the price of the 26-70 grade this week with corresponding increases in other grades.

Following are the approximate prices of the various refined products in the mid-continent field based on Group three quotations:—

GASOLINE.—U. S. motor 60-62 octane third grade is 3⅝c. to 4c. a gallon, although there have been attempts to firm up their quotations. The 63-66 grade is 3¾c. to 4¼c. per gallon and the 67-69 is 4c. to 4¼c. per gallon. The 70-72 is 4⅜c. to 4¾c. per gallon.

NATURAL GASOLINE.—The 26-70 was generally quoted at 3½c. per gallon in Oklahoma while in Texas the price was raised to 3¼c. per gallon. The 18-55 grade is 3¾c. to 4c. per gallon and other grades were raised correspondingly.

DISTILLATES.—The market is steady to soft with No. 2 and No. 3 in fair demand. The No. 1 prime white is not in great demand and quoted at 3¾c. to 4c. a gallon. The No. 2 and No. 3 are 3¾c. to 3⅞c. respectively.

KEROSENE.—The market is steady with quotations unchanged at 3⅞c. to 4⅛c. per gallon for the 41-43 grade while the 42-44 grade is 4c. to 4⅛c. per gallon.

FUEL OIL.—Heavy withdrawals of the industrial grades is improving the tone

—*Continued on page 59*

Outputs and Quotas

A comparison of Bureau of Mines calculations for December productions, State allowable quotas where they exist and the American petroleum Institute's estimate for crude production for the week ended December 10, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	500,700	428,000	425,900
Kansas	159,000	§163,400	147,800
Texas	1,343,900	†1,710,082	1,268,700
Louisiana ..	248,000	247,580	259,100
Arkansas ...	51,600	§52,000	49,600
Eastern	169,000	.....	207,850
Michigan ...	51,000	.....	51,900
Wyoming ...	76,100	.....	56,100
Montana ...	12,600	.....	12,850
Colorado	3,900	.....	3,800
New Mexico.	100,300	§108,400	98,000
California ..	589,700	‡§615,000	663,500
Totals	3,305,800	.....	3,245,100

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of December. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Base allowable effective Dec. 1. With the exception of Saturday, December 17, shutdowns are ordered for all Saturdays and Sundays during December. Calculated net 7-day allowable for week ended Saturday morning, December 10, approximately 1,242,279 barrels daily.

‡ Recommendation of central committee of California oil producers.

§ These are November allowables. December allowables are not yet available.

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Delays of deliveries are costly. They interrupt production schedules. But you will not experience costly delays when you buy from Deep Rock . . . A DEPENDABLE SOURCE OF SUPPLY . . . known to the paint industry as refiners of superior quality Petroleum Thinners and Naphthas. Write us! We'd like to tell you more about Deep Rock products. Or, may we send you some samples? No obligation.

MINERAL SEAL OIL
LACQUER DILUENT — RUBBER SOLVENT
V. M. & P. NAPHTHA — STODDARD SOLVENT
NAPOLEUM SPIRITS — SPECIAL KEROSENES
INDUSTRIAL LUBRICANTS

Makers of the Famous Deep Rock Prize Motor Oils · Goes Farther · Lasts Longer!

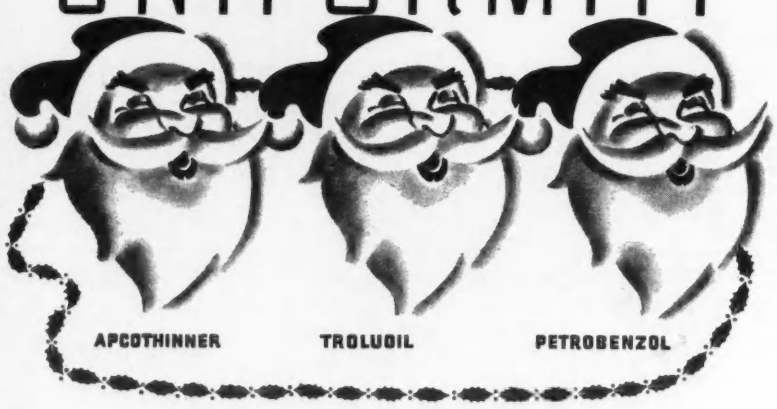
DEEP ROCK OIL CORPORATION

GENERAL SALES OFFICE: 155 NORTH CLARK STREET, CHICAGO

Decatur Des Moines Milwaukee Minneapolis Oklahoma City Omaha St. Louis Tulsa

Refinery: Cushing, Oklahoma

UNIFORMITY



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ANDERSON-PRICHARD INDUSTRIAL NAPHTHAS

UNIFORMITY has a gift for you—uniformity in diluents and thinners—and we don't mean just a Christmas gift, either! It is—a better standardized product—and consequently better sales! That's what you get when you use APCOTHINNER, PETROBENZOL and TROLUOIL. Planning now for next year's business? If you have a formula problem, maybe our research department can help!

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Fertilizer Materials

Little Trading Interest Expected Until After Turn of Year —Sulphate of Ammonia Steady—November Tag Sales Were 19 Percent Higher Than Last Year

Conditions surrounding the market for fertilizer raw materials were not changed much from those of recent weeks. Some of the producers of mixed fertilizers in the northern section of the country have started mixing and orders of delivery of some of the chemical materials were more frequent. However, sellers of materials did not look for any substantial change from the current market dullness until after the turn of the calendar year. There have been no important price movements in the market, and the changes reported last week were confined wholly to the organic ammonia group.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Tankage, dom., Chicago, feed grade, 10c. per unit-ton.
import., 5c. per unit-ton.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed after this report was sent to press will be found on page 4.

By virtue of the recently increased activity at the coke ovens, the sulphate of ammonia supply has improved, and, while there is no overbalance on the supply side of the market, the tightness of some weeks back has disappeared.

Fertilizer tax tags sold in November in seventeen States were equivalent to 146,872 tons, a gain of 19 percent over the sales in 1937. The sales for the first eleven months of the year were equivalent to 5,043,662 tons, against 5,662,400 tons in the same months of 1937. The accompanying table shows sales for November, a comparison with November, 1937 and 1936, and comparative data for the January-November period.

Ammoniates

Nitrate of Soda.—The market continued in a very quiet position. The withdrawals against contracts were slightly more active than in the past few weeks. Some of the fertilizer producers in the North have started mixing and have ordered in part of their requirements. The price situation continued steady and unchanged at the schedule that has been in effect through the season to date. October imports totaled 32,971 long tons against 2,871 long tons in the same month of 1937, and total imports for the January-October period were 539,943 long tons this year against 551,462 long tons in the same period of 1937.

Sulphate of Ammonia.—The demands were moderate last week. The rate of production continued healthy, and while there was not an over-supply in the market, the tightness of some weeks back has been eased by the increased output during the Fall. The price situation was a steady one. The quotations on bulk material for December delivery were $27.75 per ton f.o.b. cars at nearest Atlantic or Gulf port and/or $1 per ton cheaper, f.o.b. cars nearest inland producing oven. The January-June prices will be 25c. per ton additional.

Dried Blood.—There was not much of an interest in the market last week. Suppliers in New York continued to offer at $3.15 per unit. The Chicago market held to its recently added firmness and the price asked there was $3.35 per unit. Imported material also lacked buying attention and quotations were $2.90 per unit, c.i.f. ports.

Fish Scrap.—Japanese sardine meal continued firm and unchanged at $45.50 to $46 per ton for shipment from abroad, basis c.i.f. Buyers showed very little interest in the offerings. There was still some acid scrap offering out of Lewes at $2.50 and 50c. per unit-ton. The Baltimore market for menhaden meal was held at $50 per ton, f.o.b.

Nitrogenous Material. — This commodity shared in the general lack of buying interest last week. Prices for imported and domestic merchandise continued unchanged. The producing unit at Chemical, Ill., should be back in production again within a few weeks.

Tankage.—The local spot market was bare of stocks last week and the quotations of $3 and 10c. per unit-ton for ground or unground material were purely nominal. Some offerings from New England shipping points have been made at $3.15 and 10c. per unit-ton, f.o.b. the shipping points. Imported material advanced in price during the period, having been quoted at $3.05 and 10c. per unit-ton against $3 and 10c. per unit-ton in the preceding week. In Chicago feeding material was priced at $3.35 and 10c. per unit-ton, a boost of 10c. per unit-ton over the quotation of a week ago.

Potashes

Agricultural potash salts continued in a dull position which is characteristic for this time of the year. Deliveries against purchases made earlier in the season constituted the only activity in the market. Prices continued at list.

Phosphates

The movement of superphosphate from the producing plants was light. Prices for the material continued unchanged and appeared steady. Bone products were also without price shift. The production of bulk superphosphate in October was 314,359 tons against 279,381 tons in September, and the output for the January-October period this year was 2,905,590 tons, against 3,597,385 tons in the same months of 1937, according to the Department of Commerce. Stocks on hand at the end of October were 1,249,272 tons against 1,160,299 tons at the end of September and 1,178,314 tons at the end of October last year.

Bone Materials.—Neither domestic nor imported bone materials showed any change in price last week. There was practically no buying interest in the market and the quotations were more or less nominal.

Superphosphate.—The demands continued light and the price situation continued unchanged and steady at the basis of $7.50 per ton for the run of the pile and $8 per ton for guaranteed 16 percent material, both in bulk, f.o.b. cars or vessel Baltimore.

Sulphur and Pyrites

The deliveries of crude sulphur to the several lines of consuming outlet were modest in size. Sellers have been booking new contracts at the reduced price basis established earlier in the Fall. There has been a steady export movement.

Markets at Other Centers

Atlanta, Dec. 14.—Interest in fertilizer materials is low with little expectation that the situation will change before the new year. The outcome of the crop allotment election of cotton farmers held greater interest in fertilizer circles than anything relating to the fertilizer trade.

Federal reports just issued on cottonseed products show a marked decrease in keeping with reduced yields, and indicates possible advances in prices of meal and hulls.

Quotations on leading materials in this market are as follows:—

SUPERPHOSPHATE.—$8.40 per ton, interior producing points.

NITRATE OF SODA.—$27 per ton, ports.

SULPHATE OF AMMONIA.—$27.75 per ton, port basis.

COTTONSEED MEAL.—8 percent grade $22.50 to $23 per ton, interior mill points.

BLOOD.—$3.25 to $3.30 per unit, basis Chicago.

TANKAGE.—Foreign, port basis, $3 and 10c. per unit; Chicago, $2.80 and 10c. per unit.

NITROGENOUS.—Imported, $2.50 per unit, ports; midwest $2.25.

BONE.—Ground, steamed 3 and 50 percent $24 to $26 per ton, Chicago.

Baltimore, Dec. 15.—Business in crude fertilizer materials did not show any expansion this week. Trade has just about held its own as to volume, which remains small, and with no material price deviations. Quotations were as follows:—

FISH SCRAP.—Operations of the menhaden fishing companies off the North Carolina coast continue. Production of scrap is small. The quotations on scrap range around $42 to $43 per ton for feeding material with fertilizer material at $40 per ton f.o.b. shipping point. Menhaden meal is held at $50 per ton here with Japanese sardine meal at $45 for shipment.

TANKAGE.—$2.75 for feeding supplies f.o.b. shipping point.

BLOOD.—$2.85 per unit-ton c.i.f. for South American; domestic material at $2.90 f.o.b. shipping point.

SUPERPHOSPHATE.—$7.50 per ton for run of pile and to $8 per ton for 16 percent guaranteed.

BONE.—$22 per ton for 1 and 60; $24 per ton for 3 and 60 ground steamed; and $27.50 to $28 per ton for 4½ and 50 ground raw stocks.

San Francisco, Dec. 13.—There is just enough demand in organic products to keep that side of the market nicely balanced at the present time, although the other side of the picture still remains dull and dormant. Mixers report that their normal outlets are very slow in ordering their requirements this season, and first hand sellers of chemical products are none too optimistic about further business. With tankage and fish meal, offerings are generally light—the position of the market is strong, following a rather healthy buying trend.

Ruling prices are:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton ex vessel or warehouse; 200-pound bags, $28.30 per ton ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic superphosphate is quoted at 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra. Eleven percent N. and 48 percent P.A. material quoted at $53 per ton, cars, port basis and $1 per ton extra for delivery inland.

FISH MEAL.—California sardine meal is

—*Continued on page 52*

American Cyanamid Names Fertilizer Sales Head

F. S. Washburn has been appointed director of fertilizer sales for the American Cyanamid Company, this city, succeeding the late W. D. Huntington. H. V. Cory has been appointed sales manager of the fertilizer division. The appointments became effective December 13.

Born in Somers, N. Y., in 1895, F. S. Washburn, a son of the late Frank Sherman Washburn founder and first president of the American Cyanamid Company, was educated at Morristown Preparatory School and the Hill School, and subsequently matriculated at Cornell University. He served in the Navy during the World War, and became affiliated with the Cyanamid organization in 1919. He was successively fertilizer division sales manager and assistant director of fertilizer sales.

H. V. Cory was born in Newark in 1891, and following his graduation from Rutgers University in 1915, where he received his B.S. degree, he joined the New Jersey Agricultural Experiment Station, leaving to join the Delaware Experiment Station in 1916. He was with the American Expeditionary Forces from 1917 to 1919, and joined the American Cyanamid organization in 1922. He has served as assistant fertilizer division sales manager, as export fertilizer sales manager.

Fertilizer Tag Sales: November

	Equivalent tons*							
	November				January-November			
South—	P.C. of 1937.	1938.	1937.	1936.	P.C. of 1937.	1938.	1937.	1936.
Virginia†	20	1,550	7,627	3,450	92	397,692	434,068	376,453
North Carolina	66	4,885	7,402	2,800	90	1,047,470	1,166,399	989,603
South Carolina	42	3,330	8,020	10,959	85	643,450	756,888	606,064
Georgia	..	37,463	3,791	9,160	87	743,407	853,115	674,050
Florida†‖	98	84,331	86,332	65,653	93	477,211	511,679	444,112
Alabama	220	550	250	400	85	526,250	620,910	466,400
Mississippi	..	6,800	210	.....	95	306,886	324,459	233,663
Tennessee†	28	911	3,254	900	91	128,249	141,325	117,138
Arkansas‡	100	500	500	525	96	65,500	68,175	45,431
Louisiana†	146	5,250	3,590	3,225	93	144,542	155,668	111,356
Texas†	22	425	1,913	2,625	92	80,486	87,615	62,309
Oklahoma	..	150	.....	.....	117	8,005	6,845	6,055
Totals, South	119	146,145	122,889	99,697	89	4,569,148	5,127,146	4,132,634
Midwest—								
Indiana	38	125	331	63	86	234,490	273,827	254,087
Illinois	..	562	.....	56	90	42,217	46,652	34,820
Kentucky	..	.....	.....	100	94	109,644	117,078	89,392
Missouri	17	40	240	.....	85	70,084	82,440	93,498
Kansas	..	.....	6	.....	118	18,079	15,257	11,140
Totals, Midwest	126	727	577	219	89	474,514	535,254	482,937
Grand totals	119	146,872	123,466	99,916	89	5,043,662	5,662,400	4,615,571

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 53,850 tons of cottonseed meal for January-November combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

‖ Includes 35,798 tons of phosphatic and lime materials for January-November, 1938.

(Compiled by the National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

CRUDE SULPHUR
99½% PURE
Free From
ARSENIC, SELENIUM AND TELLURIUM
TEXAS GULF SULPHUR COMPANY
(INCORPORATED)
75 East 45th St., New York City
Deposits and Plants: Newgulf and Long Point, Texas

Trade Briefs

Chicago Drug and Chemical Association will hold its annual Christmas party in the Stevens hotel December 22.

Bishop Oil Company, Los Angeles, will vote December 28 on a plan of merger with the Bishop Oil Corporation.

American Petroleum Institute will hold its ninth mid-year meeting in the Roosevelt hotel, New Orleans, May 15-18.

Industrial Chemical & Processing Company has moved to its new plant location at 2920 Chartres street, New Orleans.

Charles Walter Lotte, head of Lotte Chemicals Company, manufacturers' agent, Paterson, N. J., was married December 1 to Miss Helene Marie O'Byrne.

Union Oil Company of California's 13,000-ton tanker, built at the Bethlehem Steel Shipbuilding Corporation, Sparrows Point, Md., was launched December 10.

Royal Oil Corporation of Pennsylvania, Scranton, distributor for the Shell Petroleum Corporation in northeastern Pennsylvania, has been sold to the Gulf Oil Corporation.

Egg Products Association of America will hold its annual meeting and dinner at Busto's restaurant, this city, December 15. James E. Tasley, of the Consumers Import Company, this city, is in charge of arrangements.

Mineral resources in Greenland are being investigated by Denmark with a view of their more extensive development. The belief is that these resources comprise a variety of important minerals in addition to cryolite, which alone has been developed.

Valvoline Oil Company's temporary injunction restraining the Interstate Commerce Commission from evaluating 1,426 miles of pipe line operated in Pennsylvania, Ohio and West Virginia has been dismissed by a Federal statutory court, Pittsburgh.

Harold Ickes, Secretary of the Interior, has been made the defendant in a suit by John D. Glass, lawyer and former chief investigator of Federal Petroleum Agency No. 1, which is under Mr. Ickes' jurisdiction. He asked $750,000 damages, $250,000 damages and $500,000 as punishment to Mr. Ickes because of a memorandum that "advised and warned all operators to investigate the plaintiff."

H. L. Wheeler, superintendent of the New Orleans factory of the American Can Company for the last thirty-five years, retired December 1. He was relieved by R. G. Memory, who has been his assistant for twenty years and connected with the plant for thirty years. Mr. Wheeler was guest at a banquet in the Roosevelt hotel, attended by executives from New York and Chicago, and many of his New Orleans friends.

Informative Literature

Send the numbers of what you want to the Reporter on a postcard. Copies will be sent without charge.

Amines:—The Carbide and Carbon Chemicals Corporation, this city, has issued a pamphlet on the principal physical and chemical properties of fourteen commercial amines. It includes their pH values in aqueous solution and in the solutions of their soaps. **(675)**

Cellulose Acetate:—The Bakelite Corporation, this city, has prepared a leaflet on its rainbow-hued cellulose acetate for use as a thermoplastic material for injection and compression molding. The physical, chemical and electrical properties of the new material are included in the description. **(676)**

Containers:—The Hinde & Dauch Paper Company, Sandusky, Ohio, is offering a copiously illustrated booklet entitled "Facts About Shipping Boxes." **(677)**

Deodorizer:—The Industrial Chemical Sales Division of the West Virginia Pulp & Paper Company has published another issue of the booklet, "Taste and Odor Control." It contains information on charcoal and activated carbon. **(678)**

Drum Closure:—The Barrel Fitting and Seal Corporation, Chicago, has issued a leaflet describing its "Multi-Seal" fitting for making drum and steel barrel closures tamper-and leak-proof, **(679)**

Fluorine Compounds:—The American Fluoride Corporation, New York, has issued a new price list and catalog on fluorides and fluosilicates currently used in industry. Equipment for the application of those fluorine compounds used as insecticides and fungicides are also described. **(680)**

Instruments:—The C. J. Tagliabue Manufacturing Company, Brooklyn, N. Y., has available a new illustrated catalog entitled "TAG Indicating, Recording and Controlling Instruments for Temperature and Pressure." **(681)**

Linings:—The Homogenous Equipment Company, Downingtown, Pa., have published a bulletin illustrating a few of the pieces of large chemical apparatus which they have recently lined with chemical lead to prevent corrosion. **(682)**

Metallurgy:—The Foote Mineral Company, Philadelphia, Pa., has issued the December number of its "Foote-Prints." Feature articles are entitled "Zirconium Oxide as a Constituent of Glasses" and "Tungsten Carbide in Hard Surfacing Oil Well Bits." A section listing the specifications of the various industrial ores, alloys, metals, and chemicals of the Foote organization is also included in the booklet. **(683)**

Methylene Chloride:—E. I. duPont de Nemours & Co., Wilmington, Del., has published a technical leaflet on methylene chloride. Specifications, shipping containers, physical properties, vapor pressure curve, thermodynamic properties, solubility, flammability, toxicity, and stability are among the subjects treated. **(684)**

Oils, Sulphonated:—The Beacon Company, Boston, Mass., has prepared a booklet on fundamental information relative to the industrial use of the sulphonated oils it produces. A price list of its products is included in the work. **(685)**

Paint Formulation:—The Krebs Pigment & Color Corporation, Wilmington, Del., has available a booklet on flat wall paint formulation. **(686)**

Wrinkle Finishes:—New Wrinkle, Inc., Dayton, Ohio, has prepared a leaflet describing and picturing the various possibilities of wrinkle finish applications. Their use on cameras, ceramic ware, leather, and electrical equipment is illustrated. **(689)**

Books You Can Use

Chemical Analysis Data

Recent Advances in Volumetric Chemical Analysis. By Henry B. Kellog. 200 pages, loose leaf form, 6¾ by 3¾ inches. Philadelphia; Lefax, Inc. Black ring binder, $3.00; brown castilian paper covered, $2.00.

This reference text is a compilation of numerous carefully selected methods of volumetric analysis that have proven practically valuable to the analytical and research chemist. It overcomes the absence of information on volumetric procedures in most text and reference volumes, which seem to favor gravimetric procedure discussion. Hence this booklet should prove especially welcome in actual experimental and commercial work, where the analyst generally prefers a rapid end-point titration, rather than a long weighing process.

In addition to bringing together procedures and applications of various volumetric methods so that they are more readily available for use, the author has followed the plan of listing the reagents necessary for each individual analysis directly after the method of procedure. This offers a rapid perusal of the materials needed, affords a chance to ascertain the methods adaptability as regards the materials on hand, and offers an opportunity to assimilate material and have it ready before proceeding with the directions. Analytical procedures are given for a long list of materials, ranging alphabetically from acetone to zinc.

Vitamin Manual

The Vitamins and Their Clinical Application. By W. Stepp, Kuhnau and H. Schroeder. Translated by A. H. Bouman. Cloth; 173 pages, 10 by 6¾ inches. Milwaukee: The Vitamin Products Company. $4.50.

Practically no other branch of research has survived such tempestuous development as has vitaminology. Sensing the want of the busy man interested in the practical application of the vitamins, the authors have presented in this volume a concise, comprehensive review of the field, paying special regard to its practical phases.

The manual treats each of the known vitamins separately, lucidly discussing its history, chemistry, determination, occurrence, manifestations, absorption, clinical application, physiology, preparation and dosage. Information of especial value is presented in the chapters on the terminology of vitamins, the place of vitamins in human nutrition and the vitamin requirements of humans. Extremely valuable is the extensive bibliography given for each of the vitamins. Charts surveying the vitamins now known and showing the contents of essential vitamins in various diets also prove important supplements to the verbal discussions.

This well-written, informative and highly practical reference manual should prove a desirable addition to the library of the vitamin investigator, the physician, and all those interested in this expanding field of science—vitaminology.

Petroleum for the Layman

About Petroleum. By J. G. Crowther. Cloth; 181 pages, 5½ by 9 inches. New York: Oxford University Press. $2.25.

The aim of this volume is to give the automobile driver, mechanic, business man, employee of the petroleum industry, and other persons a general idea of the processes by which petroleum is obtained and processed for consumption. It is another in the series of volumes by the same author explaining certain phases of science or industry in a simple non-technical manner.

Starting with a review of the several theories as to the formation of petroleum in prehistoric time, the book traces the history of petroleum; discusses the composition of the simpler hydrocarbons, and explains petroleum geology. Going on it describes well-drilling and the production and transportation of crude petroleum. Continuing its discussion of the industry, it treats the distillation, crackling, purification, and refining of petroleum. The concluding chapters of the volume discuss knock in gasoline, the production of petrol from gas, helium, and carbon black.

Trade Association Manual

Trade Associations in Law and Business. By Benjamin S. Kirsch and Harold R. Shapiro. Cloth; 399 pages. 9 by 6 inches. New York: Central Book Company. $5.

The role of the trade association in modern industrial society is exhaustively surveyed and evaluated as to its business, economic, and legal aspects in this timely volume. It comprehensively discusses the desirable services, such as statistical reporting plans, uniform cost accounting methods, trade relations, patent interchange, foreign trade credit bureau and collective purchasing functions, and standardization and uniform basing point systems accomplished by trade associations.

Especially pertinent at this time are its discussions of the recent price maintenance laws and the latest amendments to the Federal Trade Commission act and their effect on the trade association movement. The content of this volume should prove equally informative to all interested in trade association activities.

Fertilizer Materials

Markets at Other Centers

—*Continued from page* 51

quoted on the basis of $41 per ton, f.o.b. cars, Monterey and $41.50 per ton, f.o.b. cars, San Francisco Bay points, with the market firm.

TANKAGE.—Unground, fertilizer grade tankage, wet rendered, from domestic packing houses, quoted on the basis of $3.15 and 10c. per unit-ton, f.o.b. cars, San Francisco. High grade, quoted at $3.35 and 10c. per unit-ton. Dry rendered, ground, quoted at $37.50 per ton, f.o.b. cars; unground, dry rendered, quoted at 60c. to 62½c. per unit of protein. The market is strong.

BLOOD MEAL.—Domestic blood meal is strong, with the market quoted on the basis of $2.80 per unit, f.o.b. cars, San Francisco.

BONE MEAL.—Domestic steamed bone meal, depending upon quality and seller, quoted at from $25 to $29 per ton, delivered Pacific Coast ports.

Shipping Information

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Imports at U.S. Ports

New York Imports

CID, CRESYLIC—45 dms, American Cyanamid & Chem Co, Gudrun Maersk, London
HYDROCYANIC—9 cyls, American Cyanamid & Chem Co, Silverwalnut, Colombo
NAPHTHENIC—1 bx, Amtorg Trading Corp, Gudrun Maersk, London
GAR AGAR—5 cs, Bank of Manhattan, Naruto, Kobe
5 cs, Corn Exchange Bank, Naruto, Kobe
5 bls, Naruto, Kobe
LBUMEN, DUCK—56 cs, Stein, Hall & Co, Tai Ping, Shanghai
56 cs, Importers Com Co, Tai Ping, Shanghai
EGG, HEN—33 cs, Consumers Import Co, Marchen Maersk, Shanghai
55 cs, American Cyanamid & Chem Co, Marchen Maersk, Shanghai
33 cs, Melchers, Inc, Marchen Maersk, Shanghai
112 cs, Henningsen Bros, Marchen Maersk, Shanghai
28 cs, T M Duche & Sons, Naruto, Tientsin
56 cs, Chase National Bank, Kyusyu, Tientsin
28 cs, Kyusyu, Tientsin
28 cs, Corn Exchange Bank, Kyusyu, Tientsin
28 cs, Manufacturers Trust Co, Kyusyu, Tientsin
11 cs, Bank of New York, Kyusyu, Tientsin
LCOLHOL, DENAT—300 dms, P R Alcohol Co, Manuelo, San Juan
ETHYL—1 dm, Comml Solvents Co, Manaqui, Barbados
LOE—800 cs, Wessel Duval & Co, Flora, Curacao
10 cs, S B Penick & Co, City of Mobile, Aden
LUMINUM FOIL—80 cs, Rohner & Gehrig, Paris, Havre
POWDER—10 dms, Heemsoth Kerner Corp, Washington, Hamburg
MMONIA, PHOSPHATE SULPHATE — 50 bgs, 11,000 lbs, Synthetic Nitrogen Prod Corp, New York, Hamburg
SULPHATE — 500 bgs, Bradley & Baker, Black Condor, Rotterdam
NISE—183 bgs, Mexico, Vera Cruz
200 bgs, S B Penick & Co, Tai Ping, Hongkong
NTIMONY, ORE—2,205 bgs, Bank of London South America, Sesa, Antofagasta
312 bgs, Philipp Bros, Santa Lucia, Arica
1,568 bgs, Bank of London South America, Santa Lucia, Mollendo
OXIDE—250 bgs, Wah Chang Trading Corp, Tai Ping, Hongkong
REGULUS — 150 cs, Wah Chang Trading Corp, Tai Ping, Hongkong
RECANUTS—39 bgs, Berlage Co, Glaucus, Batavia
RROWROOT MEAL—70 bgs, Java American Export Co, Mapia, Tjilatjap
RSENIC—95 bbls, American Smelting & Refining Co, Panuco, Tampico
POWDERED — 100 dms, Industrial Sales Corp, Gudrun Maersk, Antwerp
SPHALT — 940 tons, 1,722 bbls, Manaqui, Trinidad
330 bgs, A V Berner & Co, Seatrain Havana, Havana
SPHALTUM—167 bgs, M Cortada, Mexico, Havana
ARYTES—2 cars, United Color & Pigment Co, Seatrain Havana, Havana
AY RUM—97 bbls, Hudson Tea & Spice Co, Manuelo, San Juan
ISMUTH, REF'D—150 bxs, Cerra De Pasco Copper Corp, Santa Lucia, Callao
ONES—2 cars, Geck Trading Corp, Seatrain Havana, Havana
RISTLES — 110 cs, Chase National Bank, Kyusyu, Tientsin
30 cs, Guaranty Trust Co, Kyusyu, Tientsin
55 cs, Bank of Manhattan, Kyusyu, Tientsin
55 cs, Philadelphia National Bank, Kyusyu, Tientsin
30 cs, National City Bank, Kyusyu, Tientsin
55 cs, Goldman, Sachs & Co, Kyusyu, Tientsin
1 cs, Gudrun Maersk, London
10 cs, S Hirshenhorn & Sons, Marchen Maersk, Hongkong
50 cs, Bank of China, Marchen Maersk, Hongkong
50 cs, Corn Exchange Bank, Marchen Maersk, Hongkong
73 cs, F H Cone & Co, Marchen Maersk, Hongkong
17 cs, Hughes Autograph Brush Co, Marchen Maersk, Hongkong
25 cs, 6 pkgs, F H Cone & Co, Marchen Maersk, Shanghai
28 cs, Naruto, Dairen
100 cs, Manufacturers Trust Co, Naruto, Tientsin
77 cs, Bank of London-South America, Naruto, Tientsin
50 cs, Goldman, Sachs & Co, Naruto, Tientsin
25 cs, Corn Exchange Bank, Naruto, Tientsin
7 bbls, Draeger Shipping Co, Batory, Gdynia
50 cs, N Wagman Co, Tai Ping, Hongkong
25 cs, H Rosenhirsch Co, Tai Ping, Hongkong
50 cs, F H Cone & Co, Tai Ping, Shanghai
144 cs, Bank of China, Tai Ping, Hongkong
20 cs, H Rosenhirsch Co, Tai Ping, Shanghai
50 cs, B C Ritchie & Co, Tai Ping, Hongkong
75 cs, F H Cone & Co, Tai Ping, Hongkong
66 cs, B C Ritchie & Co, Kiyosumi, Tientsin
30 cs, Tradesmen National Bank, Kiyosumi, Tientsin
30 cs, Philadelphia National Bank, Kyusyu, Tientsin
53 cs, Public National Bank, Kyusyu, Tientsin
115 cs, Tradesmen National Bank, Kyusyu, Tientsin
4 cs, Kyusyu, Kobe
50 cs, Manufacturers Trust Co, Kyusyu, Tientsin
BRONZE POWDER—14 cs, Heemsoth-Kerner Corp, Washington, Hamburg
6 cs, Hamilton Forwarding Co, Bremen, Bremen
CALCIUM TARTRATE — 1,499 bgs, Albert Mevi, Nordfarer, Buenos Aires
CAMPHOR, REFINED—5 cs, Iwai & Co, Tai Ping, Kobe
66 cs, Iwai & Co, Kiyosumi, Kobe
100 cs, McKesson & Robbins, Kyusyu, Kobe

CANARY SEED—997 bgs, A G Dunn, Nordfarer, Buenos Aires
248 bgs, Balfour, Guthrie & Co, Nordfarer, Buenos Aires
439 bgs, C Clausen & Co, Argentina, Buenos Aires
505 bgs, A G Dunn, Argentina, Buenos Aires
CARAWAY SEED—175 bgs, 19,250 lbs, Catz American Co, Gudrun Maersk, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Black Condor, Rotterdam
100 bgs, 11,000 lbs, Black Condor, Rotterdam
100 bgs, 11,000 lbs, Jaburg Bros, Volendam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Volendam, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Volendam, Rotterdam
100 bgs, 11,000 lbs, A G Dunn, Volendam, Rotterdam
100 bgs, 11,000 lbs, C T Wilson & Co, Volendam, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Volendam, Rotterdam
CAROBS—100 cs, A E Freeman, Excambion, Alexandria
64 cs, Excambion, Alexandria
CASSIA—700 bls, A G Dunn, Marchen Maersk, Hongkong
173 bls, Durkee Famous Food, Marchen Maersk, Hongkong
200 bls, Royal Bank of Canada, Marchen Maersk, Canton
40 bls, G T German, Tai Ping, Hongkong
147 bls, A G Dunn, Glaucus, Batavia
117 bls, A G Dunn, Glaucus, Macassar
99 pkgs, Knickerbocker Mills Co, Glaucus, Batavia
BUDS—200 cs, A G Dunn, Marchen Maersk, Hongkong
FISTULA—40 bskts, Hirsch Van Siclen, Mapia, Macassar
ROLLS—200 bls, Marchen Maersk, Hongkong
200 bls, Knickerbocker Mills Co, Tai Ping, Hongkong
100 bls, L A Guido, Tai Ping, Hongkong
CASTOR BEANS—2,222 bgs, Spencer Kellogg & Sons, Alegrete, Santos
CELERY SEED—88 bgs, City of Mobile, Colombo
CHAMOIS—5 cs, Chase National Bank, Washington, Antwerp
CHEMICALS—1,016 bgs, Advance Solvents & Chem Co, New York, Hamburg
40 dms, Gudrum Maersk, Antwerp
100 bbls, E I duPont de Nemours & Co, New York, Hamburg
1 cs, Eli Lilly & Co, New York, Hamburg
353 bgs, 104 dms, New York, Hamburg
25 cs, Schimmel & Co, New York, Hamburg
40 cks, J E Bernard & Co, New York, Hamburg
14 cks, Innis, Speiden & Co, New York, Hamburg
15 pkgs, New York, Hamburg
368 bgs, E M Sergeant Pulp & Chem Co, New York, Bremen
10 kgs, 3 cs, Pfaltz & Bauer, New York, Bremen
60 cks, 27 cs, 1 ck, New York, Bremen
1 cs, Merck & Co, Aquitania, Southampton
1 cs, M W Kellogg Co, Aquitania, Southampton
11 pkgs, Ciba Co, Aquitania, Southampton
5 cs, 1 ck, Hoffman-La Roche, Guadelope, Havre
3 cs, Guaranty Trust Co, Guadelope, Havre
1 cs, Dodge & Olcott Co, Bremen, Bremen
71 cks, National City Bank, Bremen, Bremen
2 cks, Stanley Doggett, Bremen, Bremen
5 cs, F Eissing, Black Condor, Rotterdam
20 cks, Philip Bauer Co, Black Condor, Rotterdam
195 dms, A P Miller Supply Co, Black Condor, Rotterdam
500 bgs, O Herman, Black Condor, Rotterdam
25 bbls, E M Sergeant Pulp & Chem Co, Black Condor, Rotterdam
27 dms, 37 cks, Innis, Speiden & Co, Black Condor, Rotterdam
45 cs, Black Condor, Rotterdam
36 dms, 3 cks, General Aniline Works, Black Condor, Rotterdam
25 cks, Innis, Speiden & Co, Volendam, Rotterdam
1 basket, 25 cks, 259 bgs, Advance Solvents & Chem Co, Volendam, Rotterdam
6 cks, 2 cs, Volendam, Rotterdam
8 dms, 1 cs, General Dyestuff Corp, Volendam, Rotterdam
3 cks, Sandoz Chem Works, Volendam, Rotterdam
25 cks, Stanley Doggett, Volendam, Rotterdam
CHINA CLAY—1 cs, Schenker & Co, New York, Hamburg
CHROME OXIDE—5 bbls, Hensel, Bruckman & Lorbacher, New York, Hamburg
CINCHONA PRODUCTS—8 cs, R W Greeff & Co, Volendam, Rotterdam
CINNAMON—50 bls, Volkart Bros, Silverwalnut, Colombo
COALTAR DERIVATIVES—12 dms, General Aniline Works, Black Condor, Rotterdam
21 dms, General Aniline Works, Volendam, Rotterdam
INTERMEDIATES—9 cks, 1 cs, General Dyestuff Corp, New York, Bremen
17 cks, 10 cns, 3 dms, General Dyestuff Corp, Bremen, Bremen
24 cks, 147 dms, General Aniline Works, Black Condor, Rotterdam
23 cks, 85 dms, General Aniline Works, Volendam, Rotterdam
8 jugs, 79 cks, 84 dms, 7 bottles, General Dyestuff Corp, Volendam, Rotterdam
COCOA BEANS—15,000 bgs, Nieschlag & Co, Alegrete, Bahia
1,000 bgs, General Cocoa Co, Alegrete, Bahia
500 bgs, Guaranty Trust Co, Alegrete, Bahia
3,500 bgs, Alegrete, Bahia
250 bgs, Bank of London South America, Alegrete, Victoria
50 bgs, Mapia, Colombo
250 bgs, W R Grace & Co, Santa Lucia, Guayaquil
500 bgs, W & A Leaman, Flora, Curacao
150 bgs, Struller & Wood, Flora, Curacao
125 bgs, Wessel, Duval & Co, Flora, Curacao
912 bgs, Schutte & Focke, Flora, Curacao
760 bgs, Flora, Curacao
10 bgs, Mecke & Co, Santa Paula, Curacao
50 bgs, Pablo, Calvet & Co, Guayaquil, S A Ports
250 bgs, Guayaquil, S A Ports
250 bgs, W R Grace & Co, Argentina, Port Spain

COCOA BEANS—250 bgs, Middleton & Argentina, Port Spain
1,000 bgs, Bankers Trust Co, Scania, Ilheos
19,990 bgs, Scania, Ilheos
16,000 bgs, Scania, Bahia
COCONUTS—140 bgs, General Food Corp, Chiriqui, Cristobal
150 bgs, 13 half cs, Universal Import & Export Co, Manuela, Mayaguez
235 bgs, I L Toledano Corp, Guayaquil, Cristobal
1,976 bgs, General Food Corp, Jamaica, Kingston
COCONUT, DESIC — 1,471 cs, General Food Corp, Marchen Maersk, Cebu
305 cs, Wood & Selick, Tai Ping, Manila
3,647 cs, Durkee Famous Food, Tai Ping, Manila
4,795 cs, General Food Corp, Tai Ping, Manila
543 cs, Balfour, Guthrie & Co, Tai Ping, Manila
417 cs, Dodwell & Co, Tai Ping, Manila
COLORS—2 cs, B F Drakenfeld & Co, New York, Hamburg
80 cks, Fulton Dye & Import Co, Guadelope, Havre
CADMIUM—2 bbls, Hensel Bruckmann & Lorbacher, New York, Hamburg
COALTAR — 7 cks, General Dyestuff Corp, Volendam, Rotterdam
DRY—25 cks, Stanley Doggett, Excambion, Genoa
EARTH—5 cks, Robinson-Wagner Co, Volendam, Rotterdam
PIGMENT—8 jugs, General Dyestuff Corp, Volendam, Rotterdam
CORK, WASTE—75 bls, Gudrun Maersk, Antwerp
CUTCH—1,150 bgs, Sig Saxe, Glaucus, Sandakan
DERRIS ROOT, POWD—1 cs, J F Frank, Mapia, Tandjong, Priok
DEXTRIN, POTATO—250 bgs, Stein, Hall & Co, Black Condor, Rotterdam
DRUGS, CRUDE—9 cs, New York, Hamburg
DYES, ALIZARIN—6 cks, General Dyestuff Corp, New York, Bremen
11 cks, 3 cns, General Dyestuff Corp, Bremen, Bremen
25 cks, 10 dms, 4 jugs, General Dyestuff Corp, Volendam, Rotterdam
ANILIN — 6 cks, 1 pkg, General Dyestuff Corp, New York, Hamburg
30 kgs, 12 cns, Carbic Color & Chem Co, New York, Hamburg
40 dms, Ciba Co, Aquitania, Southampton
21 bbls, Geigy Co, Guadelope, Havre
50 cks, 3 dms, 1 cs, General Dyestuff Corp, Bremen, Bremen
7 dms, L & Organic Prod Co, Volendam, Rotterdam
3 cs, 18 dms, 136 cks, General Dyestuff Corp, Volendam, Rotterdam
19 dms, Sandoz Chem Works, Volendam, Rotterdam
33 dms, Ciba Co, Volendam, Rotterdam
EARTH, MINERAL — 240 bgs, J H Reise, Oriente, Havana
EGG, WHOLE, DRIED—400 cs, Borden Co, Tai Ping, Shanghai
ERGOT—13 cs, Eli Lilly & Co, Gudrun Maersk, London
FISH SOUNDS—34 bls, Fulton Freight & Forwarding Co, Santa Paula, Curacao
FLAXSEED — 7,202,000 kilos, 288,080 bus, Archer, Daniels, Midland Co, Cate B, Buenos Aires
2,032,000 kilos, 81,280 bus, Bunge North American Grain Co, Nordfarer, Buenos Aires
462,423 kilos, 18,497 bus, Argentina, Buenos Aires
FLEASEED—409 bgs, City of Mobile, Colombo
FLUORSPAR—384 bgs, Chase National Bank, Panuco, Tampico
GAMBIER—140 bgs, Chase National Bank, Silverwalnut, Singapore
425 cs, American Dyewood Co, Silverwalnut, Asahan
GELATIN—5 cs, Dingelstedt & Co, New York, Bremen
1 cs, International Selling Corp, Guadelope, Havre
GLASS, PLATE—10 cs, Leo Popper & Sons, New York, Hamburg
23 cs, New York, Hamburg
WINDOW—2,325 cs, Gudrun Maersk, Antwerp
23 cs, W J Byrnes & Co, New York, Hamburg
GLUE—200 bgs, L H Lang & G Van Gelder, Black Condor, Rotterdam
POWDERED—25 bgs, Rex & Reynolds, Excambion, Marseilles
SHEET—30 bgs, New York, Hamburg
GLYCERIN—80 dms, H J Baker & Bro, Nordfarer, Buenos Aires
GRAPHITE—672 bgs, National City Bank, City of Mobile, Colombo
GREASE—355 dms, Nordfarer, Buenos Aires
GUM—8 cs, R J Prentiss & Co, City of Mobile, Aden
ARABIC—100 bgs, S B Penick & Co, City of Mobile, Port Sudan
250 bgs, Thurston & Braidich, City of Mobile, Port Sudan
150 bgs, Innis, Speiden & Co, City of Mobile, Port Sudan
30 bgs, City of Mobile, Port Sudan
ASAFOETIDA—100 pkgs, City of Mobile, Colombo
BENZOIN—10 cs, Glaucus, Belawan Deli
COPAL—63 bgs, Chase National Bank, Silverwalnut, Macassar
571 baskets, Manufacturers Trust Co, Silverwalnut, Macassar
884 bgs, 25 cs, S Winterbourne & Co, Silverwalnut, Singapore
182 baskets, O G Innes Corp, Silverwalnut, Macassar
192 baskets, National City Bank, Silverwalnut, Macassar
237 baskets, Philadelphia National Bank, Silverwalnut, Macassar
311 baskets, O G Innes Corp, Silverwalnut, Amboina
124 baskets, Mitsui & Co, Mapia, Macassar
213 baskets, France, Campbell & Darling, Mapia, Macassar
65 bgs, S Winterbourne & Co, Mapia, Macassar
32 baskets, Gillespie-Rogers-Pyatt Co, Mapia, Macassar
407 baskets, Sino Java Hvg, Mapia, Macassar
710 bgs, 337 baskets, O G Innes Corp, Mapia, Macassar
311 bgs, W H Scheel, Tai Ping, Manila
DAMMAR—210 bgs, Guaranty Trust Co, Silverwalnut, Macassar
229 bgs, National City Bank, Silverwalnut, Macassar
205 bgs, Manufacturers Trust Co, Silverwalnut, Macassar
200 cs, American Cyanamid & Chem Co, Silverwalnut, Batavia

GUM DAMMAR—250 cs, 32 bgs, S Winterbourne & Co, Silverwalnut, Singapore
630 bgs, Stroock & Wittenburg, Silverwalnut, Singapore
210 bgs, Gillespie-Rogers-Pyatt Co, Silverwalnut, Singapore
490 bgs, American Cyanamid & Chem Co, Silverwalnut, Singapore
100 cs, 210 bgs, O G Innes Corp, Silverwalnut, Singapore
210 bgs, Silverwalnut, Singapore
130 bgs, Far Eastern Representatives, Mapia, Macassar
200 cs, S Winterbourne & Co, Mapia, Batavia
100 bgs, 125 cs, Mapia, Batavia
250 cs, Thurston & Braidich, Mapia, Batavia
100 cs, Gillespie-Rogers-Pyatt Co, Mapia, Batavia
200 cs, O G Innes Corp, Mapia, Batavia
10 cs, Rutger, Bleecker & Co, Glaucus, Batavia
KARAYA—200 bgs, Thurston & Braidich, City of Mobile, Colombo
64 bgs, Frank Vliet Co, City of Mobile, Colombo
734 bgs, City of Mobile, Colombo
KAURI—505 bgs, Stroock & Wittenburg, City of Glasgow, Auckland
MYRRH—20 cs, A Helmrath, City of Mobile, Aden
LOCUST BEAN—40 bgs, T M Duche & Sons, Excambion, Genoa
20 bgs, Innis, Speiden & Co, Excambion, Genoa
15 bgs, J L Hopkins & Co, Excambion, Genoa
15 bgs, Excambion, Genoa
MASTIC—10 cs, Ionian Bank, Excambion, Piraeus
OLIBANUM—50 bgs, 10 cs, City of Mobile, Colombo
34 cs, J L Hopkins & Co, City of Mobile, Aden
PERILLA—35 bls, Chicle Development Co, Santa Paula, Cristobal
GYPSUM—6,000 tons, United States Gypsum Co, Gypsum Queen, Windsor
HEMPSEED—200 bgs, Kyusyu, Tientsin
HENBANE LEAVES—6 bls, Excambion, Alexandria
HOPS — 120 bls, Bode & Voigt, New York, Hamburg
20 bls, 10 cs, R F Downing & Co, Washington, Hamburg
5 cyls, Leonhard & Brush, Washington, Hamburg
150 bls, Atlantic Forwarding Co, Washington, Hamburg
65 bls, Atlantic Forwarding Co, Batory, Gdynia
16 bls, R F Downing & Co, Batory, Gdynia
30 bls, Ullman Co, Guadelope, Havre
50 bls, Atlantic Forwarding Co, Volendam, Rotterdam
INDIGO—2 cks, General Dyestuff Corp, Volendam, Rotterdam
INK, PRINTING—2 cs, H E Voegeli, Tai Ping, Manila
IPECAC ROOT—21 bgs, Eggers & Heinlein, Santa Paula, Corinto
11 bgs, C E Griffin Co, Guayaquil, Central American ports
8 bls, Guaranty Trust Co, Argentina, Montevideo
IRISH MOSS—100 bls, H Reifenberg, Guadelope, Havre
42 bls, C H Reisig, Guadelope, Havre
20 bgs, Paris, Havre, Guadelope, Havre
IRON, ORE—1,500 tons, F C Strick & Co, Armanistan, Ormuz
OXIDE—15 cks, Reichard-Coulston, Volendam, Rotterdam
40 cks, J Lee Smith & Co, Volendam, Rotterdam
5 cks, Stanley Doggett, Volendam, Rotterdam
125 cks, Robinson-Wagner Co, Volendam, Rotterdam
LEAVES, MEDICINAL—46 bls, Van Loan & Co, Excambion, Marseilles
27 bls, Excambion, Marseilles
4 cs, Eli Lilly & Co, New York, Hamburg
7 bls, Peek & Velsor, New York, Hamburg
LECITHIN—1 cs, 1 cn, Weiss Forwarding Co, New York, Hamburg
LINALYL ACETATE—10 dms, Norda Essential Oil & Chem Co, Kiyosumi, Kobe
LIVER MEAL — 500 bgs, City of Glasgow, Bluff
LYCOPODIUM—25 cs, Gudrun Maersk, London
MACE—17 cs, J F Frank, Mapia, Banda
16 cs, Irving National Bank, Mapia, Banda
32 cs, H H Old & Co, Mapia, Banda
61 cs, Catz American Co, Mapia, Banda
92 cs, Catz American Co, Mapia, Macassar
16 cs, Van Loan & Co, Mapia, Macassar
32 cs, Glaucus, Batavia
31 cs, Knickerbocker Mills, Glaucus, Macassar
MANGROVE BARK EXTRACT—10,789 bgs, Philippine Cutch Corp, Tai Ping, Zamboanga
MATE—15 cks, W R Grace & Co, Alegrete, Santos
MEDICINAL PREPS—8 cs, Bisleri Co, Excambion, Genoa
10 cs, Italian Drug & Import Co, Rex, Genoa
2 cs, E Fougera & Co, Guadelope, Havre
3 cs, Rigaud, Inc, Guadelope, Havre
MEAKIN MEAL—1,000 bgs, Mitsubishi Shoji Kaisha, Naruto, Kobe
MICA, BLOCK—30 cs, City of Mobile, Calcutta
DISCS—7 cs, Gillespie, Rogers, Pyatt Co, City of Mobile, Calcutta
FILM—14 cs, City of Mobile, Calcutta
SPLITTINGS—50 cs, City of Mobile, Calcutta
10 cs, Gillespie, Rogers Pyatt Co, City of Mobile, Calcutta
221 cs, General Electric Co, City of Mobile, Calcutta
MILLET SEED—28 bgs, F H Von Damm, Washington, Bremen
56 bgs, Wagner Bros, Washington, Bremen
300 bgs, Levy & Levis Co, Washington, Bremen
MINERALS—1,213 bgs, National Lead Co, Nordfarer, Buenos Aires
150 bgs, Watson, Geach & Co, Nordfarer, Buenos Aires
MOLASSES—675 tons, W R Grace & Co, Santa Lucia, Salaverry
350 tons, W R Grace & Co, Santa Lucia, Supe
MOLYBDENUM—74 bgs, Wah Chang Trading Co, Marchen Maersk, Hongkong
MOSS—12 bgs, Kervan Co, Manuelo, San Juan
NIGER SEED—135 bgs, Norton, Lilly & Co, City of Mobile, Vizagopatam
135 bgs, City of Mobile, Colombo
NUTGALLS—80 bgs, Excambion, Beyrouth

NUTMEGS—40 bgs, Catz American Co, Mapia, Banda
35 bgs, C T Wilson & Co, Mapia, Banda
88 cs, Catz American Co, Mapia, Macassar
125 bgs, Glaucus, Batavia
1 cs, A G Dunn, Glaucus, Batavia
300 bgs, Berlage Co, Glaucus, Batavia
OIL, ABIES—6 dms, General Drug Co, Kiyosumi, Kobe
ALMOND—80 cs, Excambion, Marseilles
ANISE—20 dms, Tai Ping, Haiphong
10 dms, Geo Lueders & Co, Tai Ping, Hongkong
BAY—5 cs, D Steengrafe, Manuelo, Arroyo
CAMPHOR—50 dms, Dodge & Olcott Co, Marchen Maersk, Kobe
4 dms, Manufacturers Trust Co, Naruto, Kobe
15 dms, Bank of Manhattan, Naruto, Yokohama
75 dms, Guaranty Trust Co, Naruto, Yokohama
8 dms, Naruto, Yokohama
CASSIA—10 dms, Melchers, Inc, Marchen Maersk, Hongkong
CHINAWOOD—50 dms, Marchen Maersk, Hongkong
176 tons, National City Bank, Marchen Maersk, Hongkong
CINNAMON LEAF—4 dms, Volkart Bros, Mapia, Colombo
CITRONELLA—1 cs, Fritzsche Bros, Silverwalnut, Colombo
11 dms, Mapia, Colombo
10 dms, Bank of Manhattan, City of Mobile, Colombo
22 dms, City of Mobile, Colombo
6 dms, Barber S S Co, City of Mobile, Port Said
COCONUT—503 tons, Philippine Refg Corp, Silverwalnut, Cebu
702 tons, Philippine Refg Corp, Tai Ping, Manila
Quantity, Spencer Kellogg & Sons, Kiyosumi, Manila
COD—250 dms, W Fischer, Washington, Stavanger
100 cks, Atlas Refinery, Inc, Fort Amherst, St Johns
100 cks, Silmo Chem Co, Fort Amherst, St Johns
CODLIVER—50 dms, Gunning & Gunning, Washington, Hamburg
ESSENTIAL—116 pkgs, Excambion, Marseilles
4 cs, 1 ck, Washington, Lyon
26 cs, Washington, Antwerp
3 dms, Kyusyu, Kobe
28 pkgs, Paris, Havre
FUEL—110,000 bbls, Standard Oil Co of N J, Victor Ross, Aruba
100,000 bbls, Standard Oil Co of N J, Wilhelm A Riede, Aruba
76,268 bbls, Asiatic Petroleum Corp, Mamura, Curacao
95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
HO—10 dms, Norda Essential Oil & Chem Co, Kiyosumi, Kobe
LEMONGRASS—20 dms, City of Mobile, Colombo
LUBRICATING—2 dms, Socony Vacuum Oil Co, Aquitania, Southampton
MINERAL—100 dms, Heemsoth-Kerner Corp, New York, Hamburg
OLIVE—10 dms, Modern Trading Co, Excambion, Genoa
60 dms, Ungerer & Co, Excambion, Genoa
1,955 cs, Excambion, Genoa
388 cs, Excambion, Genoa
44 bbls, Uddo Taormina, Excambion, Genoa
10 dms, Saitori, Inc, Excambion, Genoa
140 cs, Excambion, Leghorn
50 dms, Lekas & Drivas, Excambion, Piraeus
10 dms, Albert Cory, Excambion, Piraeus
150 dms, Banca Comi Italian Trust Co, Excambion, Piraeus
50 cs, Excambion, Piraeus
90 pkgs, Rex, Genoa
OLIVE SULPHUR—100 dms, Schroeder Bros, Excambion, Piraeus
25 dms, Welch, Holme & Clark, Excambion, Piraeus
PALM—1,135 tons, Mapia, Belawan Deli
460 tons, Glaucus, Belawan Deli
PEANUT—5 dms, Lamont Corliss & Co, Black Condor, Rotterdam
202 tons, Mitsubishi Shoji Kaisha, Kyusyu, Tsingtao
PERILLA—315 tons, Kyusyu, Osaka
198 tons, Kyusyu, Yokohama
RAPESEED — 50 dms, Mitsubishi Shoji Kaisha, Naruto, Nagoya
SUNFLOWER SEED—80 dms, L N Jackson & Co, Volendam, Rotterdam
SYNTHETIC—53 cs, Lo Curto & Funk, Gudrun Maersk, Rotterdam
TEASEED—110 dms, Arnhold & Co, Marchen Maersk, Shanghai
VETIVER — 5 dms, Dodge & Olcott Co, Glaucus, Batavia
PAPAIN—13 cs, McKesson & Robbins, Silverwalnut, Colombo
PAPRIKA—50 bgs, Van Loan & Co, New York, Bremen
25 bgs, New York, Bremen
200 bgs, Avery F Payne & Co, Washington, Hamburg
30 bgs, Schenker & Co, Washington, Hamburg
800 bgs, Washington, Hamburg
25 bgs, Stephen Kodrich, Washington, Hamburg
50 bgs, Van Loan & Co, Washington, Hamburg
30 bgs, 20 cs, H Schoenfeld & Son, Washington, Bremen
PARAFFIN—3,388 bgs, Standard Oil Co of N J, Mapia, Palembang
PEATMOSS — 1,011 bls, Hamburg-American Line, New York, Bremen
1,700 bls, New York, Bremen
509 bls, Dal, Inc, Batory, Gdynia
2,547 bls, C K Ketzel, Volendam, Rotterdam
400 bls, Premier Peatmoss Corp, Volendam, Rotterdam
PEPPER, BLACK — 3,706 bgs, C M Loeb Rhoades & Co, Silverwalnut, Oosthaven
690 bgs, Guaranty Trust Co, Silverwalnut, Oosthaven
24,479 bgs, Silverwalnut, Oosthaven
230 bgs, S Jackson Japan Cotton Co, Silverwalnut, Oosthaven
460 bgs, Silverwalnut, Oosthaven
7,500 bgs, Mapia, Oosthaven
3,000 bgs, Glaucus, Oosthaven

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PEPPER, WHITE—517 bgs, Catz American Co, Silverwalnut, Batavia
243 bgs, Mapia, Koba
1,841 bgs, Mapia, Tondjong Priok
258 bgs, Catz American Co, Mapia, Tondjong Priok
PETROLEUM, CRUDE — 72,149 bbls, Cities Service Oil Co, Mirlo, Las Piedras
16,781 tons, Standard Oil Co of N J, J A Mowinckel, Gluria
PIMENTO—150 bgs, Jamaica, Kingston
PLASTER ROCK—2,350 tons, Newark Plaster Co, Marga, Hillsboro
POPPYSEED—100 bgs, 11,000 lbs, N Joel, Gudrun Maersk, Rotterdam
50 bgs, 5,500 lbs, Catz American Co, Gudrun Maersk, Rotterdam
400 bgs, 44,000 lbs, M Witsenburg, Batory, Gdynia
100 bgs, 11,000 lbs, R L Friedler, Volendam, Rotterdam
POTASH, CARBONATE—17 cks, Innis, Speiden & Co, New York, Hamburg
SULPHATE—500 bgs, N V Potash Export My, New York, Hamburg
POTASH MAGNESIA SULPHATE—100 bgs, N V Potash Export My, New York, Hamburg
PYROPHYLLITE ROCK—987 tons, Clinchfield Sand & Feldspar Corp, Colony Trader, St Johns
QUICKSILVER—40 flks, Chase National Bank, Mexico, Vera Cruz
87 flks, Chase National Bank, Paunco, Tampico
RAPESEED—200 bgs, Catz American Co, Gudrun Maersk, Rotterdam
375 bgs, Knickerbocker Mills Co, Naruto, Otaru
150 bgs, Levy & Levis Co, Volendam, Rotterdam
RHUBARB — 44 cs, Melchers, Inc, Marchen Maersk, Shanghai
ROOT, MEDICINAL—20 bgs, Eli Lilly & Co, New York, Hamburg
3 bls, 2 bgs, R D Hines, New York, Hamburg
RUBBER, SYN—1 cs, Advance Solvents & Chem Co, Volendam, Rotterdam
SAGO FLOUR—724 bgs, Silverwalnut, Singapore
SEED, MEDICINAL—423 bgs, Excambion, Marseilles
68 bgs, New York, Hamburg
SENNA LEAVES—45 bls, S B Penick & Co, City of Mobile, Colombo
105 bls, City of Mobile, Colombo
13 bls, City of Mobile, Port Sudan
PODS—20 bls, City of Mobile, Colombo
SESAME SEED—56 bgs, Knickerbocker Mills Co, Tai Ping, Hongkong
168 bgs, O Gerdau Co, Tai Ping, Hongkong
56 bgs, G T German, Tai Ping, Hongkong
500 bgs, Panuco, Tampico
348 bgs, T M Duche & Sons, City of Mobile, Port Sudan
348 bgs, Russel Howe, City of Mobile, Port Sudan
SHELLAC—30 bgs, 40 cs, A Hurst & Co, New York, Hamburg
11 cs, 83 bgs, A Hurst & Co, Volendam, Rotterdam
200 bgs, Guaranty Trust Co, City of Mobile, Calcutta
200 bgs, Ralli Bros, City of Mobile, Calcutta
SEEDLAC—400 bgs, Guaranty Trust Co, City of Mobile, Calcutta
200 bgs, Philadelphia Natl Bank, City of Mobile, Calcutta
150 bgs, Mantrose Corp, City of Mobile, Calcutta
250 bgs, Ralli Bros, City of Mobile, Calcutta
SILVER SULPHIDES—83 bgs, Santa Lucia, Antofagasta
SOAP BARK—193 bls, Duncan, Fox & Co, Sesa, Valparaiso
SOAP—950 cs, Conti Product Corp, Excambion, Leghorn
6 cs, Sales Factors Corp, New York, Hamburg
8 cs, R F Downing & Co, Aquitania, Southampton
CASTILE—9 cs, R H Macy & Co, Excambion, Haifa
SODA NITRATE—9,722 bgs, Chilean Nitrate Sales Corp, Sesa, Tocopilla
181,400 kilos, Chilean Nitrate Sales Corp, Sesa, Iquique
SPONGES—300 cs, 6 bls, L Papason, Excambion, Marseilles
8 bls, American Sponge & Chamois Co, Oriente, Havana
26 bls, Oriente, Havana
STARCH—1 bg, Concentrate Manufacturing Corp, Washington, Antwerp
POTATO—100 bgs, Arnold, Hoffman & Co, Volendam, Rotterdam
STEATITE—10 bbls, M Kirchberger & Co, Excambion, Leghorn
TALC—100 bgs, C B Chrystal & Co, Excambion, Genoa
1,075 bgs, Marchen Maersk, Kobe
100 bgs, L A Salomon & Bros, Pipestone County, Bordeaux
1,300 bgs, Whittaker, Clark & Daniels, Pipestone County, Bordeaux
1,110 bgs, City of Mobile, Port Said
TANKAGE—1,888 bgs, 1,717 cakes, 103 pieces, Nordfarer, Buenos Aires
999 bgs, Weaver & Hugi, Nordfarer, Buenos Aires
2,002 bgs, Van Iderstine Co, Nordfarer, Buenos Aires
TAPIOCA, FLAKE—2,356 bgs, Stein, Hall & Co, Mapia, Sourabaya
FLOUR—2,520 bgs, Stein, Hall & Co, Silverwalnut, Cheribon
1,500 bgs, Stein, Hall & Co, Silverwalnut, Batavia
510 bgs, H P Winter & Co, Silverwalnut, Batavia
500 bgs, Silverwalnut, Cheribon
1,115 bgs, Balfour, Guthrie & Co, Silverwalnut, Pamanoekan
4,001 bgs, Stein, Hall & Co, Mapia, Sourabaya
560 bgs, Mapia, Pasoeroean
504 bgs, Continental Bank Trust Co, Mapia, Cheribon
485 bgs, National Adhesive Corp, Mapia, Cheribon
500 bgs, American Cyanamid & Chemical Co, Mapia, Cheribon
2,786 bgs, Stein, Hall & Co, Mapia, Cheribon
1,295 bgs, Stein, Hall & Co, Mapia, Batavia
500 bgs, Mapia, Tandjong Priok
500 bgs, Mapia, Tjilatjap
1,642 bgs, National City Bank, Glaucus, Sourabaya
252 bgs, Glaucus, Sourabaya
507 bgs, Stein, Hall & Co, Glaucus, Cheribon
500 bgs, Glaucus, Cheribon
3,669 bgs, Stein, Hall & Co, Glaucus, Batavia
250 bgs, H P Winter & Co, Glaucus, Batavia
550 bgs, Rutger, Bleecker & Co, Glaucus, Batavia
500 bgs, National Adhesive Corp, Glaucus, Batavia
SEED—362 bgs, Stein, Hall & Co, Mapia, Sourabaya
SIFTINGS—152 bgs, H P Winter & Co, Glaucus, Batavia
TEAWASTE—3,500 bgs, Citro Chem Co, City of Mobile, Calcutta
TEXTILE FINISHING, POWD—6 cks, Volendam, Rotterdam
TOILET PREPS—2 cs, R F Downing & Co, Aquitania, Southampton
TOLU BALSAM—30 cs, Wessel Duval & Co, Santa Paula, Puerto Colombia
19 cs, Eggers & Heinlein, Jamaica, Puerto Colombia
TUBA ROOT—48 bls, Mapia, Singapore
UMBER, POWD—30 cks, T H Deutz, Excambion, Alexandria
VALONIA, EXTRACT — 740 bgs, National Bank of Greece, Excambion, Piraeus
VANILLA BEANS—102 cs, Excambion, Marseilles
20 cs, Mapia, Semarang
WATER, MINERAL—100 cs, Bisleri Co, Excambion, Genoa
745 cs, Rohner, Gehrig & Co, Volendam, Rotterdam
WAX, BEES—88 bgs, Van Oppen & Co, Alegrete, Santos
51 bgs, Excambion, Alexandria
42 bgs, Excambion, Alexandria
80 bgs, Smith & Nichols, Argentina, Santos
80 bgs, Argentina, Santos
49 bgs, D A Zorrilla, Panuco, Tampico
CANDELILLA—748 bgs, M Argueso & Co, Panuco, Tampico
CARNAUBA—33 bgs, W R Grace & Co, Alegrete, Rio de Janeiro
CERESIN—4 cs, Concentrate Mfg Co, Washington, Antwerp
80 bgs, Asiatic Petroleum Corp, Glaucus, Sourabaya
MONTAN—900 bgs, Strohmeyer & Arpe Co, New York, Hamburg
OZOKERITE—108 bgs, C B Chrystal & Co, New York, Hamburg
894 bgs, Batory, Gdynia
VEGETABLE—100 cs, H H Rosenthal & Co, Naruto, Moji
100 cs, Brown Bros-Harriman Co, Naruto, Moji
99 cs, Guaranty Trust Co, Naruto, Mozi
50 cs, Brown Bros-Harriman Co, Naruto, Mozi
100 cs, H H Rosenthal Co, Kiyosumi, Mozi
100 cs, Mitsui & Co, Kiyosumi, Kobe
100 cs, McKesson & Robbins, Kyusyu, Kobe
100 cs, Guaranty Trust Co, Kyusyu, Kobe
YEAST—60 bbls, Vulkan Yeast Co, New York, Hamburg
ZINC, OXIDE—10 bgs, Concentrate Mfg Corp, Washington, Antwerp

New York Transit Imports

BRISTLES—30 cs, Wooster Brush Co, Kiyosumi, Tientsin, Wooster, Ohio
CALCIUM HYPOCHLORITE—10 dms, Naruto, Yokohama, Toronto
CAMPHOR, REFINED—200 cs, McKesson & Robbins, Marchen Maersk, Kobe, Bridgeport
GELATIN—2 cs, American Express Co, Bremen, Bremen, Rochester
MENTHOL—75 cs, McKesson & Robbins, Marchen Maersk, Kobe, Bridgeport
OIL, ANISE—10 dms, McKesson & Robbins, Tai Ping, Hongkong, Bridgeport
PAPAIN—112 cs, American Ferment Co, City of Mobile, Colombo, Buffalo
SPONGES—38 bls, Mexico, Havana, Bremen
12 bls, Mexico, Havana, Paris
4 bls, Oriente, Havana, Havre
REFUSE—3 bls, Oriente, Havana, Havre

Baltimore Imports

BONEFLOUR—544 bgs, Maria, Fiume
CHEMICALS—91 bbls, Edam, Rotterdam
COCONUT, DESIC—80 cs, Ermland, Manila
COLORS, EARTH—15 cks, Edam, Rotterdam
COPRA—591 tons, Procter & Gamble Co, Ermland, Zamboanga
1,409 tons, Procter & Gamble Co, Ermland, Cebu
175 tons, Procter & Gamble Co, Ermland, Bulan
FERROMANGANESE — 1,397 tons, Wm H Muller & Co, Edam, Rotterdam
ILMENITE SAND—7,740 tons, Invella, Colachel
IRON ORE—21,000 tons, Bethlehem Steel Co, Chilore, Cruz Grande
7,150 tons, Leo J Buck, Lulea, Narvik
MAGNESITE—9,583 bgs, General Refractories Co, Maria, Trieste
MANGANESE ORE—8,200 tons, E J Lavino Co, Stonepool, Takoradi
MOLASSES—5,606 tons, Athelstane, Braila, Roumania
MONAZITE SAND—200 bgs, Invella, Colachel
OIL, OLIVE—110 cs, Exermont, Leghorn
SHELLAC—25 bgs, Macharda, Calcutta
STARCH, WHEAT, POWD—100 bgs, Order, Edam, Rotterdam

Boston Imports

AMMONIA, SULPHATE—100 bgs, Bradley & Baker, Edam, Rotterdam
BONES—1,559 bgs, 176,004 lbs, Chas Hollinshed Co, Rio Novo, Montevideo
CARAWAY SEED—50 bgs, Edam, Rotterdam
CASSIA—73 pkgs, Glaucus, Batavia
CHEMICALS—100 crbys, Edam, Rotterdam
3,750 bgs, 661,380 lbs, Charles Hardy, Vigrid, Gdynia
COCOA BEANS—2,750 bgs, Hokkai, Cristobal
1,120 bgs, Wessels Kuhlenkampff & Co, Edam, Rotterdam
1,500 bgs, Kaikoura, Cristobal
COCONUT, DESIC — 70 cs, Hokkai, Davao, Philippine Islands
DI-AMMONIUM PHOSPHATE—50 bgs, Synthetic Nitrogen Products Co, Edam, Rotterdam
FERTILIZER, OLD FELT HATS — 40 bls, 15,512 lbs, Sarcoxie, London
GAMBIER — 105 cs, Chase National Bank, Raby Castle, Singapore
CUBE—70 bgs, Chase National Bank, Silverwalnut, Singapore
210 bgs, Eurybates, Singapore
GLUE, FISH—15 bbls, Nicholson & Co, Yarmouth, Yarmouth
GLUESTOCK, FISH—65 bxs, 2 cs, J R Poole, Yarmouth, Yarmouth
2 bbls, R H Ranagan, Yarmouth, Yarmouth
2 bbls, Jones Seafood Market, Yarmouth, Yarmouth
GUM, ARABIC—150 bgs, 33,730 lbs, Philipp Bros, City of Mobile, Port Sudan
100 bgs, 22,487 lbs, American Cyanamid & Chemical Co, City of Mobile, Port Sudan
COPAL—50 bskts, Mapia, Macassar
KARAYA—175 bgs, City of Mobile, Colombo
HARNSTOFF, UREA—100 bgs, Synthetic Nitrogen Products Co, Edam, Rotterdam
MICA SPLITTINGS — 15 cs, National City Bank, Markhor, Calcutta
OIL, COCONUT—516 tons, Philippine Refining Corp, Silverwalnut, Cebu
1,014 tons, Philippine Refining Corp, Silverwalnut, Manila
COD—70 csks, Marden Wild Corp, Anna D, Lunenburg, N S
100 dms, 48,195 lbs, Sarcoxie, Hamburg
3 bbls, Dench & Hardy, Yarmouth, Yarmouth
20 bbls, Marden Wild Corp, Tagati, Digby, N S
202 bbls, Silmo Chemical Corp, Tagati, Digby, N S
OIL, CODLIVER—50 dms, United Drug Edam, Rotterdam
FUEL—34,000 bbls, 1,428,000 gls, Colo Beacon Oil Co, Leda, Aruba
PALM—1,206 tons, Mapia, Belawan Deli
505 tons, Raby Castle, Belawan Deli
SPERM—87 bbls, C H Powell Co, Caledo Glasgow
100 bbls, 63 dms, Caledonia, Glasgow
PEATMOSS—105 bls, ntfy, Halfmoon Mfg Trading Co, Edam, Rotterdam
POPPYSEED—150 bgs, Edam, Rotterdam
QUEBRACHO EXTRACT—5,980 bgs. 655, lbs, American Tanners, Rio Novo, B nos Aires
1,063 bgs, 106,924 lbs, International Pr ucts Corp, Rio Novo, Buenos Aires
SENNA LEAVES—28 bls, City of Mobile, lombo
SHELLAC—50 bgs, Bank of the Manhatt Markhor, Calcutta
SEEDLAC—300 bgs, City of Mobile, Calcu
50 bgs, Philadelphia National Bank, Ma hor, Calcutta
200 bgs, First National Bank, Markh Calcutta
SODA SULPHIDE—205 dms, Advance Solve & Chem Corp, Edam, Rotterdam
STARCH, CHEMICALLY TREATED—600 b Edam, Rotterdam
POTATO—50 bgs, Charles S Tanner & Edam, Rotterdam
TANKAGE—2,000 bgs, 220,460 lbs, H J Ba & Bros, Rio Novo, Buenos Aires
2,032 bgs, 223,990 lbs, Charles Hollins Co, Rio Novo, Montevideo
TAPIOCA FLOUR—1,020 bgs, H P Winter Co, Silverwalnut, Batavia
274 bgs, National City Bank, Mapia, Sou baya
500 bgs, Arnold Hoffman Co, Mapia, Ba via
560 bgs, Arnold Hoffman Co, Raby Cast Pasoeroean
1,120 bgs, Raby Castle, Pasoeroean
250 bgs, Raby Castle, Cheribon
1,031 bgs, Balfour, Guthrie & Co, Ba Castle, Pamanoekan
250 bgs, First National Bank, Eurybat Cheribon
TAPIOCA FLOUR—250 bgs, Glaucus, Cherib
1,530 bgs, H P Winter & Co, Glauc Batavia
TRICHLOROETHYLENE—25 dms, Edam, R terdam

Gloucester Imports

GLUESTOCK, FISH—1,285 bgs, Russia Ceme Co, Anna D, Yarmouth, N S
47 bgs, Russia Cement Co, Anna D, Ya mouth, N S
796 bgs, Russia Cement Co, Anna D, Ya mouth, N S
118 bgs, Rogers Isinglass & Glue C Tagati, Digby, N S
351 bgs, Russia Cement Co, Anna D, Ya mouth, N S

Houston Imports

PETROLEUM, CRUDE—94,460 bbls, Pericle Tuxpam
39,016 bbls, R W McIlvain, Tuxpam

Los Angeles Imports

AGAR AGAR—80 lbs, Terukawa, Kobe
30 lbs, Kyusyu, Yokohama
BLUE, ULTRAMARINE—2,500 lbs, From A sterdam
BONE FLOUR—1,103 bgs, 112,000 lbs, Seatt Germany
MEAL—1,000 bgs, 100,800 lbs, Delftdij Hague
CANARY SEED—407 bgs, 54,300 lbs, Yamagi Buenos Aires
CARAWAY SEED—150 bgs, 16,450 lbs, Delf dijk, Haarlem
CHEMICAL COMPOUND—5,700 lbs, Asam Yokahama
5,550 lbs, Naruto, Yokohama
280 lbs, Naruto, Yokohama
460 lbs, Kyusyo, Yokohama
SALT—3,310 lbs, Donau, Cologne
CHILLIES—50 pkgs, 5,000 lbs, Yamakaz Kobe
CINNAMON— 100 bls, 10,000 lbs, Bengkali Colombo
CLAY BALL—788,480 lbs, Delftdijk, Plymou
COCONUTS—200 bgs, 28,000 lbs, San Felip Colon
100 bgs, 14,000 lbs, Seattle, Cristobal
50 bgs, 7,000 lbs, Donau, Colon
100 bgs, 14,000 lbs, Erria, Kingston
COCONUT, DESIC—20 lbs, Loch Goil, Londo
100 cs, 13,000 lbs, Kyusyu, Manila
1,550 cs, 248,380 lbs, Bengkalis, Manila
COPPERAS—10 cks, 4,410 lbs, Seattle, Har burg
COPRA MEAL—13,850 bgs, 1,385,000 lbs, Be kalis, Manila
FERTILIZER—1,000 bgs, 100,000 lbs, Kiy sumi, Kobe
FISH LIVERS, FROZEN—145 pkgs, 5,800 lb Yamakaze, Japan
GELATIN, EDIBLE—8,350 lbs, Delftdijk, Ro terdam
GLASS, ROLLED—3 cs, 3,030 lbs, Dona Breslau
SHEET—15 cs, 5,510 lbs, Seattle, Breslau
2 cs, 2,100 lbs, Donau, Brussels
GYPSUM—7,768,320 lbs, Griffco, San Marcos
INK, INDIA—1 lb, Naruto, Tokyo
MEDICINAL PREPS—70 lbs, Terukawa, Ko
220 lbs, Seattle, Hamburg
10 lbs, Tatuta, Yokohama
OIL, CODLIVER— 50 dms, 11,250 lbs, fro Bergen
COTTONSEED — 278 dms, 111,200 lb Kyusyu, Tientsin
EUCALYPTUS—5 dms, 2,130 lbs, Montere Melbourne
MINERAL—58 dms, 29,170 lbs, from Ha burg
OLIVE—50 dms, 22,050 lbs, Cellina, Ma seilles
100 cs, 10,440 lbs, from Leghorn
25 dms, 10,970 lbs. Cellina, Genoa
PALM—26 pkgs, 4,160 lbs Corrientes, Londo
PERILLA—119,660 lbs, Tatuta, Japan
PEANUT MEAL — 200,000 lbs, Terukaw Tsingtao
1,000 bgs, 100,000 lbs, Terukawa, Tsingtao
PEATMOSS—300 bls, 29,120 lbs, Erria, Malm
650 pkgs, 64,960 lbs, Abraham Lincol Malmo
2,450 bls, 335,650 lbs, Donau, Bremen
1,350 bls, 203,840 lbs, Seattle, Bremen
3,380 pkgs, 461,440 lbs, Donau, Bremen
PEPPER—300 bgs, 44,310 lbs, Bengkalis, Ba tavia
PERFUMERY—70 lbs Delftdijk, London
2 lbs, from Paris
POPPYSEED—250 bgs, 27,300 lbs, Delftdij Haarlem
2,750 lbs, Delftdijk, Rotterdam
POTASH, MURIATE — 800 bgs, 109,760 lb Donau, Hamburg
SULPHATE—5,850 bgs, 900,080 lbs, Donau Hamburg
RAPESEED — 62 bgs, 9,920 lbs, Terukaw Kobe
150 bgs, 32,850 lbs, Erria, Hamburg
RICE FLOUR—200 lbs, Tatuta, Kobe
210 lbs, Kyusyu, Yokohama
SCHEELITE ORE—182 bgs, 20,020 lbs, fro Mexico
SEAWEEDS—40 lbs, Tatuta, Kobe

SAME SEED—800 lbs, President Coolidge, Hongkong
100 lbs, Tatuta, Kobe
150 lbs, Kyusyu, Yokohama
DA, CYANIDE—400 pkgs, 89,600 lbs, Delftdijk, Frankfurt-Main
AP, TOILET—120 lbs, Kyusyu, Yokohama
ILET PREPS—190 lbs, Loch Goil, London
200 lbs, Kyusyu, Yokohama
140 lbs, Kiyosumi, Yokohama
4 lbs, Tatuta, Yokohama
100 lbs, Terukawa, Kobe
EA—1,000 pkgs, 100,800 lbs, Donau, Berlin
AX, MONTAN—134 bgs, 22,160 lbs, Donau, Hamburg

Mobile Imports

AUXITE ORE CRUSHED AND DRIED—
2,462 tons, Nea, Paramaribo
2,968 tons, Janna, Paramaribo
3,045 tons, Heroy, Paramaribo
EMICALS—762 bgs, Spaarndam, Rotterdam
ON ORE—700,000 kilos, Spaarndam, Rotterdam
AGANESE ORE—3,300 tons, Spind, Santiago
LTCAKE—635,000 kilos, Koenigsberg, Bremen

New Orleans Imports

CID, STEARIC—67 sks, West Cobalt, Manchester
AUXITE ORE—2,915 tons, Aluminum Ore Co, Austvangen, Paramaribo
OCOA BEANS—400 sks, Fruit Dispatch Co, Sixaola, Bocas del Toro
HALK, PRECIP—100 cks, 70 double sks, H Baker & Bros, West Cobalt, Liverpool
OCONUTS—300 sks, A Alamilla, Crawford Ellis, Belize
300 sks, W Gordon, Crawford Ellis, Belize
780 sks, J Blake, Jr, Crawford Ellis, Belize
550 sks, Universal Import & Export Co, Lysefjord, Kingston
400 sks, J Manton, Lysefjord, Kingston
460 sks, F Beyer, Lysefjord, Kingston
515 sks, Fruit Dispatch Co, Toloa, Tela
UM CHICLE, CRUDE—82 bls, Crawford Ellis, Belize
439 bls, Wrigley Import Co, Toloa, Puerto Barrios
IME HYDRATED—1,792 sks, United Fruit Co, Winston-Salem, Bremen
USTARD — 48 cs, Atlantic Sales Corp, Nevada, Antwerp
IL, CODLIVER — 4 bbls, Yucatan Line, Winston-Salem, Hamburg
SULPHUR OLIVE—483,787 kilos, Livenza, Lisbon
EATMOSS—6,840 bls, Peat Import Corp, Winston-Salem, Bremen

Norfolk Imports

BONEFLOUR—1,103 bgs, 49 tons, Sarcoxie, Hamburg
CHEMICALS—50 dms, 9 tons (for Newport News, Va), Black Gull, Rotterdam
COCOA RESIDUES—3,125 bgs, 248 tons, H J Baker & Bros, Black Gull, Rotterdam
DYE INTERMEDIATES, HARMLESS — 10 cans, Cincinnati Chemical Works, Sarcoxie, Bremen
8 dms, Cincinnati Chemical Works, Black Gull, Rotterdam (for Newport News, Va)
FERTILIZER—2,865 bgs, 182 tons, 5 cwts, 23 lbs, Sarcoxie, Hull
NITROGENOUS—375 bgs, 28 tons, Sarcoxie, Hamburg
FISH MEAL—3,417 bgs, 182 tons, Dominion Halsyd, Canso, N S
GUM DAMMAR—100 cs, 5 tons, Troilus, Batavia
KIESERITE—2,880 bgs, 289 tons, F W Berk & Co, N Y, Sarcoxie, Bremen
LEATHER WASTE—1,178 bgs, 40 bls, Manchester Producer, Manchester
820 bgs, 19 tons, 5 cwt, 2 qtrs, Smith-Rowland Co, Sarcoxie, Hull
OIL, CODLIVER—40 dms, 7 tons, Black Gull, Rotterdam (for Newport News, Va)
PAINT AND LACQUER SOLVENT—14 dms, 8,652 lbs, Belle Alkali Co, Sarcoxie, London
PEATMOSS—600 bls, and 30 hlf bls, Marine Midland Trust Co, Bilderdijk, Rotterdam
350 bls, Premier Peatmoss Corp, Bilderdijk, Rotterdam
SARDINE MEAL—11,255 bgs, Mitsui & Co, N Y, Amagisan, Kobe
7,150 bgs, Mitsui & Co, N Y, Amagisan, Yokohama
SODA, SULPHATE—471 bgs, 30 tons, F W Berk & Co, N Y, Sarcoxie, Bremen
STEARIN—125 bgs, 8 tons, Black Gull, Rotterdam (for Newport News, Va)
TAPIOCA FLOUR—500 bgs, 49 tons, Guaranty Trust Co, N Y, Troilus, Cheribon
250 bgs, 23 tons, Philadelphia National Bank, Troilus, Cheribon
2,753 bgs, 255 tons, National City Bank of N Y, Troilus, Sourabaya
1,641 bgs, National City Bank of N Y, Kota Pinang, Sourabaya
730 bgs, Kota Pinang, Cheribon

Philadelphia Imports

BAUXITE ORE—2,524 tons, Aluminum Union, Gunvor, Georgetown
BONE FLOUR—1,516 bgs, Maria, Trieste
CANARY SEED—1,400 bgs, Exmouth, Tekirdag
CHEMICALS — 100 dms, 123 cks, Noordam, Rotterdam
144 bgs, Chase National Bank, Noordam, Rotterdam
200 cks, 500 bgs, Advance Solvents & Chem Co, Noordam, Rotterdam
CHINA CLAY—1,347 tons, 15 cwt, 748 bgs, English China Clay Sales Corp, Gloucester City, Fowey
626 tons, 600 bgs, Moore & Munger, Gloucester City, Fowey
STONE, GRD—90 tons, 15 cwt, English China Clay Sales Corp, Gloucester City, Fowey
CLAY, BALL—140 tons, 30 bgs, English China Clay Sales Corp, Gloucester City, Fowey
BLUE—40 tons, Moore & Munger, Gloucester City, Fowey
POTTERS — 35 tons, Hammill & Gillespie, Gloucester City, Fowey
COAL DUST — 42 dms, Wm J Jones & Co, Noordam, Rotterdam
COCOA BEANS—2,000 bgs, Wood & Selick, Rio Branco, Ilheos
2,000 bgs, J Aron & Co, Rio Branco, Ilheos
2,000 bgs, Wessels Kulenkampff & Co, Rio Branco, Ilheos
3,000 bgs, W R Grace & Co, Rio Branco, Bahia
COCONUTS—300 bgs, 400 half bgs, Starr Produce Co, Barbara, San Juan
68 bgs, Simon & French, Barbara, San Juan
COLORS, EARTH—24 cks, Noordam, Rotterdam
CORK, BITS — 350 bls, Cork Insulation Co, P N Damm, Lisbon
SHAVINGS—2,378 bls, Armstrong Cork Co, Maddalena Odero, Faro
VIRGIN—2,478 bls, Armstrong Cork Co, Maddalena Odero, Faro
4,542 bls, Armstrong Cork Co, Maddalena Odero, Leixoes
CORK, VIRGIN—492 bls, Armstrong Cork Co, Maddalena Odero, Lisbon
2,746 bls, Cork Insulation Co, P N Damm, Lisbon
WASTE—2,953 bls, Armstrong Cork Co, Maddalena Odero, Leixoes
11,108 bls, Armstrong Cork Co, Maddalena Odero, Lisbon
15,026 bls, Cork Insulation Co, P N Damm, Lisbon
WOOD—419 bls, Armstrong Cork Co, Maddalena Odero, Faro
779 bls, Armstrong Cork Co, Maddalena Odero, Lisbon
FERROMANGANESE — 100.2490 tons, Exmouth, Tunis
FLUORSPAR—406,800 kilos, Exmouth, Tunis
GLYCERIN—290 dms, West Infboden, Buenos Aires
GRAPHITE—500 bgs, New York Trust Co, City of Wellington, Colombo
GYPSUM, CRUDE—6,000 tons, United States Gypsum Co, Gypsum Empress, Windsor
HONEY—16 bbls, J Strohmeyer & Co, Barbara, San Juan
LICORICE ROOT—20,751 bls, Neuenfels, Basrah
570 tons, Tannin Corp, Fernbrook, Izmir
MAGNESITE, LUMP—324 bgs, Unicol, Madras
MANGANESE SULPHATE—10 cks, Noordam, Rotterdam
MOLASSES—499,805 gls, North American Trading & Import Co, Winnetou, Santiago
900,611 gls, North American Trading & Import Co, Winnetou, Cienfuegos
MYROBALANS—4,920 bgs, Guaranty Trust Co, Unicol, Bombay
PEATMOSS—775 bls, Noordam, Rotterdam
200 bls, Woodward & Dickerson, Noordam, Rotterdam
400 bls, Premier Peat Moss Corp, Scanmail, Copenhagen
PETROLEUM, CRUDE—105,885 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
88,142 bbls, Gulf Oil Corp, Gulfwax, Las Piedras
19,110 bbls, Gulf Oil Corp, Zapara, Las Piedras
POPPYSEED—175 bgs, Noordam, Rotterdam
PUMICE—350 bgs, J H Rhodes & Co, Exhibitor, Canneto Lipari
280 bgs, Belvedere, Canneto Lipari
QUEBRACHO EXTRACT—12,955 bgs, Tannin Corp, West Imboden, Buenos Aires
ROSIN—25 bbls, A J Rimberg, Korsholm, Gothenburg
SAFETY MATCHES—496 ctns, Guaranty Trust Co, Korsholm, Helsingfors
SUMAC LEAF—100 bls, Exhibitor, Palermo
200 bls, Maria, Palermo
100 bls, Belvedere, Palermo
STARCH, POTATO—150 bgs, Noordam, Rotterdam
TANKAGE—1,016 bgs, National City Bank, West Imboden, Montevideo
TITANIUM ORE—250 bgs, West Imboden, Santos
TUCUM KERNELS—1,016 bgs, Guaranty Trust Co, Clement, Para
78 bgs, Bankers Trust Co, Clement, Para
WAX, CARNAUBA—146 bgs, Clement, Camocim

Portland, Ore., Imports

COPRA—1,000 tons, Durkee Famous Foods, Sagoland, Philippine Islands
500 tons, Berkeley Oil & Meal Co, Sagoland, Philippine Islands
BLEACHING POWDER—95 dms, Wilson & George Meyer & Co, Oakland, Bremen
PARAFFIN—424 sks, Patterson Shipping Co, Silverpalm, Palembang
PEANUTS, SHELLED — 220 sks, Balfour, Guthrie & Co, Silverpalm, Manila
PEATMOSS—200 bls, Peat Import Corpn, Oakland, Bremen
TAPIOCA FLOUR—300 sks, Bank of New York, Silverpalm, Cheribon

San Diego Imports

PEATMOSS—275 bls, Peat Import Corpn, Oakland, Bremen
POTASH SULPHATE—500 sks, Wilson & George Meyer & Co, Oakland, Hamburg

San Francisco Imports

ACID, CRESYLIC—25 dms, Loch Goil, Rotterdam
CASSIA—100 bls, S L Jones & Co, Granville, Hongkong
50 bls, McClintock-Stern Co, Granville, Hongkong
40 bls, Coffee Products of America, Granville, Hongkong
CHINA CLAY—53,085 kilos, 250 sks, Loch Goil, Rotterdam
CINNAMON QUILLS—100 bls, Willits & Co, Granville, Hongkong
CLAY, BALL—33,450 kilos, Loch Goil, Rotterdam
CORKWOOD—25 bls, Armstrong Cork Co, Loch Goil, Rotterdam
FISH MEAL—30 cs, Nippon Co, Terukawa, Nagoya
GINGER ROOT—450 pkgs, Granville, Hongkong
GLASS, WINDOW—1 cs, Mitsubishi Shoji Kaisha, Terukawa, Yokohama
GYPSUM, GROUND—100 sks, Hammill & Gillespie, Pacific Exporter, Manchester
INK—1 cs, Fung Chong, Granville, Hongkong
5 cs, Ying Fat Lung, Granville, Hongkong
5 cs, Kwong Yick, Granville, Hongkong
IRON ORE—15 cks, Loch Goil, Rotterdam
LOOFAHS—1 bl, Mutual Supply Co, Terukawa, Yokohama
MEDICINAL PREPS—6 cs, Chong Sing Co, Granville, Hongkong
3 cs, Wing Hing Chong, Granville, Hongkong
3 cs, Wo Kee Co, Granville, Hongkong
1 cs, Fung Chong, Granville, Hongkong
1 cs, Quong Lee & Co, Granville, Hongkong
10 sks, 13 cs, Oi Wo Tong, Granville, Hongkong
2 cs, Kwong Yick, Granville, Hongkong
OIL, CHINAWOOD—111 tons, S L Jones & Co, Granville, Hongkong
115 tons, D Hecht & Co, Granville, Hongkong
PALM — 200 tons, Banque Belge pour l'Etranger (Overseas) Ltd, Granville, Belawan
PEANUT—60 cs, Wing Hing Chong, Granville, Hongkong
420 cs, Wo Kee Co, Granville, Hongkong
140 cs, Fung Chong, Granville, Hongkong
50 cs, Quong Lee & Co, Granville, Hongkong
400 cs, Columbia Co, Granville, Hongkong
400 cs, Ti Hing Lung & Co, Granville, Hongkong
270 cs, Kwong Yick, Granville, Hongkong
PEPPER, BLACK—688 sks, B C Ireland, Granville, Oosthaven
POPPYSEED—50 sks, Loch Goil, Rotterdam
PYRETHRUM FLOWERS — 50 bls, An-Fo Manufacturing Co, Terukawa, Kobe
SAGO FLOUR—25 sks, Granville, Singapore
SESAME SEED—100 sks, S L Jones & Co, Granville, Hongkong
50 sks, Granville, Hongkong
100 bls, Wah Young Co, Granville, Hongkong
SOAP—250 cs, Loch Goil, Rotterdam
SODA CHLORATE—1,000 sks, International Selling Co, San Mateo, Havre
NITRATE—7,844 sks, Chilean Nitrate Sales Corp, Coya, Tocopilla (for Oakland)
SILICOFLUORIDE—33 cks, Loch Goil, Rotterdam
SOYBEAN MEAL—3,987 sks, Jos Cykman, Terukawa, Dairen
STARCH—400 cs, Columbia Co, Granville, Hongkong
314 cs, Kwong Yick, Granville, Hongkong
POTATO—25 sks, Loch Goil, Rotterdam
TAPIOCA FLOUR—100 sks, S H Tyler & Son, Granville, Batavia
TOILET PREPS—1 cs, Yorozu Co, Terukawa, Yokohama
WATER, MINERAL—20 cs, Frates & Lovoti, San Mateo, Havre
150 cs, American Agency of French Vichy, San Mateo, Havre

Savannah Imports

POTASH, KAINIT—3,312,100 kilos, Yselhaven, Antwerp
MURIATE—571,500 kilos, Yselhaven, Antwerp
SULPHATE—5,750 bgs, Yselhaven, Antwerp
SODA NITRATE—9,017,000 kilos, Karmt, Tocopilla

Seattle Imports

ACID, CRESYLIC—183 dms, Gracia, Liverpool
BLEACHING POWDER—100 dms, Gracia, Liverpool
CARDAMOM—10 cs, Volkart Bros, Silverbeech, Colombo
CELERY SEED—40 sks, Silverbeech, Bombay
CHEMICALS—20 dms, Oakland, Hamburg
COCONUT, DESIC—315 cs, Goebel & Pratt, Silverbeech, Manila
GUM, COPAL—37 sks, Agner & Frederickson, Silverpalm, Manila
OIL, WHITE, MINERAL—20 dms, Kuhne, Libby, Oakland, Antwerp
PEANUTS, SHELLED—250 sks, Balfour, Guthrie & Co, Silverpalm, Manila
TAPIOCA SEEDS—179 sks, American Trust Co, Silverpalm, Sourabaya

Tacoma Imports

PEANUTS, SHELLED — 250 sks, Balfour, Guthrie & Co, Silverpalm, Manila
TAPIOCA FLOUR—456 sks, Bank of New York, Silverpalm, Batavia

Tampa Imports

COCONUTS—15,000, Daisy G, Belize

Exports from U.S. Ports

New York Exports

Clearance Dates

Aakre, December 1; Agwistar, November 26; American Farmer, November 25; American Shipper, December 2; Atlantida, November 25; Barbarigo, November 30; Bassano, December 2; Black Gull, November 30; Britannic, November 26; Char Sass, November 23; Cristobal, November 29; Deebank, November 29; Deutschland, November 30; Drottningholm, November 30; Dundrum Castle, November 26; Eastern Prince, November 26; Exmoor, November 30; Extavia, November 30; Fredhem, November 26; Grand Terre, December 1; Havana, November 25; Henri Jasper, November 19; Hujikawa, November 30; Ingrid, November 25; Jamaica, November 30; Jean Jadot, November 30; Keiyo, November 26; Lodestone, November 23; Mormacstar, November 23; Mormacsun, November 26; Muncaster Castle, November 14; Oriente, October 28; Paraguayo, December 2; Pilsudski, October 29; Ponce, November 26; Ragnhildsholm, December 3; St Mary, November 29; Santa Clara, November 25; Santa Paula, November 25; Tampa, December 1; Tercero, November 26; Thalia, December 1; Tongariro, November 23; Veendam, November 25; West Humhaw, November 10

ACETONE—4,532 lbs, Mormacsun, Helsingfors; 2,478 lbs, American Shipper, Liverpool

ACID—41,283 lbs, Ponce, Barchona
SULPHURIC—7,590 lbs, Ingrid, St Croix

AMMONIA, ANHYD—8,182 lbs, Santa Paula, Cartagena; 22,675 lbs, Havana, Vera Cruz

ANTIMONY, SULPHIDE—2,457 lbs, Britannic, Liverpool

ASPHALT—13,620 lbs, Black Gull, Rotterdam; (Lodestone) 18,086 lbs, Durban; 14,115 lbs, Lourenco Marques; (Santa Clara) 33,615 lbs, Callao; 19,612 lbs, Buenaventura; 3,162 lbs, Mormacsun, Oslo; 28,475 lbs, Deebank, Calcutta; (Deutschland) 9,058 lbs, Hamburg; 4,522 lbs, Drammen; 16,486 lbs, Muncaster Castle, Manila; 7,533 lbs, Ponce, Ponce; 87,469 lbs, Jean Jadot, Belgian Congo

LIQUID—12,495 lbs, Tercero, Buenos Aires; 11,265 lbs, American Shipper, Liverpool

REFINED—41,910 lbs, Mormacstar, Rio de Janeiro

SOLID—49,915 lbs, American Shipper, Liverpool

BAKING POWDER—38,800 lbs, Mormacsun, Stockholm

BENZOL—(Hujikawa) 4,455 gls, Yokohama; 11,110 gls, Kobe; 2,750 gls, Fredhem, Buenos Aires; 1,815 gls, Mormacstar, Buenos Aires

BLUE ULTRAMARINE—6,780 lbs, Havana, Vera Cruz

CAFFEINE—773 lbs, American Farmer, London

CALCIUM CARBIDE—950,880 lbs, Muncaster, Castle, Manila

CARBON BISULPHIDE—67,810 lbs, Agwistar, Tampico

CASCARA SAGRADA BARK—1,925 lbs, Barbarigo, Genoa

CHALK—18,416 lbs, Paraguayo, Rio Janeiro

CHEMICALS—(Black Gull) 3,009 lbs, Rotterdam; 5,402 lbs, Amsterdam; 32,558 lbs, American Farmer, London; 25,817 lbs, American Shipper, Liverpool

CLAY—78,400 lbs, Deutschland, Hamburg

COALTAR, CRUDE—7,180 lbs, West Humhaw, Takoradi

COCOA CAKE—50,084 lbs, Veendam, Amsterdam

COPAIBA BALSAM—2,615 lbs, Barbarigo, Genoa

CORN FLOUR—1,204 lbs, Santa Clara, Paita

SUGAR—30,450 lbs, Pilsudski, Copenhagen; 3,075 lbs, Mormacsun, Copenhagen

SYRUP—(Drottningholm) 11,493 lbs, Malmo; 59,167 lbs, Stockholm; 3,071 lbs, Ingrid, Port Spain; (Deebank) 12,000 lbs, Bombay; 37,506 lbs, Calcutta; 15,326 lbs, Ragnhildsholm, Abo; 1,188 lbs, Ponce, San Juan

DEXTRIN, CORN—5,640 lbs, Tongariro, Auckland; 6,768 lbs, Tampa, Sydney

DICHLORODIFLUOROMETHANE — 1,320 lbs, American Farmer, London

DICYANDIAMID—220 lbs, American Farmer, London

DRUGS—13,021 lbs, Muncaster Castle, Manila

DYES—1,426 lbs, Mormacsun, Gothenburg; (Deebank) 4,062 lbs, Aden; 19,884 lbs, Bombay; 4,840 lbs, Havana, Vera Cruz; 3,613 lbs, Jean Jadot, Antwerp

ANILIN—1,260 lbs, Ragnhildsholm, Gothenburg

ETHYL ACETATE—17,641 lbs, Ponce, Ponce

FURFURAL TECH — 9,895 lbs, Barbarigo, Genoa

GASOLINE — (Dundrum Castle) 12,500 gls, Point Galet; 26,145 gls, Port Louis; 8,250 gls, West Humhaw, Matadi

GLASS, PLATE—6,460 lbs, Muncaster Castle, Manila

GLUCOSE—690 lbs, Cristobal, Callao

SOLID—14,100 lbs, Tongariro, Auckland; 302 lbs, Deebank, Rangoon; 2,256 lbs, Tampa, Sydney

GREASE, LUBRIC—78,998 lbs, Barbarigo, Genoa; (Lodestone) 8,140 lbs, Capetown; 2,476 lbs, East London; 4,880 lbs, Durban; 9,998 lbs, Lourenco Marques; (Tongariro) 11,660 lbs, Wellington; 6,224 lbs, Bluff; 48,920 lbs, American Farmer, London; (Deebank) 2,442 lbs, Rangoon; 26,085 lbs, Calcutta; 6,044 lbs, Hujikawa, Dairen; 67,242 lbs, Bassano, Newcastle; (Grand Terre) 641 lbs, Bordeaux; 30,280 lbs, Rouen; (Deutschland) 4,550 lbs, Hamburg; 1,495 lbs, Budapest; 22,186 lbs, Muncaster Castle, Manila; (Keiyo) 27,465 lbs, Yokohama; 59,698 lbs, Kobe; (Tampa) 11,880 lbs, Melbourne; 896 lbs, Adelaide; 3,936 lbs, Fremantle; 5,280 lbs, Extavia, Izmir; (Dundrum Castle) 2,108 lbs, Port Elizabeth; 2,212 lbs, Manakara; 1,920 lbs, Manajara; 3,428 lbs, Tamatave; (Cristobal) 8,480 lbs, Callao; 3,810 lbs, Cristobal; (Britannic) 11,965 lbs, Liverpool; 2,682 lbs, Nantwich; (West Humhaw) 3,488 lbs, Takoradi; 318 lbs, Accra; 1,600 lbs, Duala; 4,307 lbs, Matadi; 31,179 lbs, Jean Jadot, Antwerp; (American Shipper) 295 lbs, Liverpool; 6,485 lbs, Manchester

INK, PRINTING—43,893 lbs, Tercero, Buenos Aires; 15,439 lbs, Jamaica, Porto Colombia

INSECTICIDE—1,975 lbs, Mormacsun, Helsingfors; 12,146 lbs, Extavia, Piraeus

AGRICULTURAL — 11,783 lbs, American Farmer, London

IRON OXIDE—1,230 lbs, Ragnhildsholm, Gothenburg

KEROSENE—(Dundrum Castle) 1,500 gls, Durban; 7,500 gls, Point Galet; 20,805 gls, Port Louis

LACQUER—58,140 lbs, Eastern Prince, Buenos Aires; 2,219 lbs, Mormacstar, Montevideo
THINNER—2,750 gls, Mormacstar, Montevideo

LARD—95,250 lbs, American Farmer, London; (Bassano) 97,500 lbs, Hull; 65,000 lbs, Newcastle; 83,925 lbs, Deutschland, Hamburg; 12,400 lbs, Henri Jasper, Antwerp; 3,295 lbs, Cristobal, Port Prince; 110,333 lbs, Britannic, Liverpool; 63,500 lbs, American Shipper, Manchester

LEAD, WHITE—11,510 lbs, Mormacstar, Rio de Janeiro; 60,140 lbs, Muncaster Castle, Manila

LEAVES—448 lbs, Deutschland, Loanda

LINSEED CAKE—5,091,273 lbs, Henri Jasper, Antwerp; 5,140,117 lbs, Jean Jadot, Antwerp

LITHOPONE — 7,880 lbs, Muncaster Castle, Manila; 2,020 lbs, Ponce, San Juan

METHYL CHLORIDE — 7,972 lbs, Tercero, Buenos Aires

MOLYBDENUM CONC—318,209 lbs, Deutschland, Hamburg

NAPHTHA—125,000 gls, Point Galet; 55,000 gls, Port Louis; 25,000 gls, Fort Dauphin; 50,000 gls, Manakara; 38,000 gls, Manajara; 210,000 gls, Tamatave; (West Humhaw) 17,600 gls, Dakar; 20,000 gls, Conakry; 10,000 gls, Freetown; 6,000 gls, Monrovia; 2,250 gls, Grand Popo; 15,500 gls, Duala; 2,000 gls, Point Noire

OIL, COCONUT—25,427 lbs, Paraguayo, Rio de Janeiro

CORN—(Ponce) 7,409 lbs, San Juan; 993 lbs, Fajardo; 945 lbs, Arecibo

CYLINDER—124,614 gls, Thalia, Rio de Janeiro, Santos

DIESEL—(West Humhaw) 5,500 gls, Winnebah; 8,250 gls, Lagos

FLOTATION—715 gls, Barbarigo, Genoa

FUEL—(Dundrum Castle) 3,300 gls, Fort Dauphin; 5,500 gls, Manajara; 11,000 gls, Tamatave; (West Humhaw) 5,500 gls, Lagos; 5,500 gls, Apapa

GAS—(West Humhaw) 36,850 gls, Takoradi; 11,000 gls, Winnebah; 68,750 gls, Grand Popo; 5,500 gls, Lagos; 5,500 gls, Apapa; 5,500 gls, Duala

LUBRICATING — (Drottningholm) 550 gls, Gothenburg; 825 gls, Stockholm; 1,815 gls, Riga; 40 tons, Black Gull, Rotterdam; (Exmoor) 1,760 gls, Oran; 4,180 gls, Algiers; (Barbarigo) 85,263 gls, Genoa; 2,900 gls, Leghorn; 25,648 gls, Naples; 2,924 gls, Trieste; 3,780 gls, Fiume; 11,592 gls, Venice; 18,774 gls, Pilsudski, Gdynia; 4,950 gls, Oriente, Havana; (Santa Paula) 4,840 gls, Porto Colombia; 2,750 gls, Curacao; (Lodestone) 2,750 gls, Capetown; 500 gls, Capetown-option; 3,630 gls, Mossel Bay; 1,595 gls, East London; 10,020 gls, Durban; 1,595 gls, Lourenco Marques; 200 gls, Beira; 2,090 gls, Ingrid, Port Spain; (Tongariro) 67,050 gls, Wellington; 1,375 gls, New Plymouth; 74,250 gls, Auckland; 9,515 gls, Dunedin; 3,675 gls, Bluff; 18,795 gls, Lyttelton; 1,100 gls, Napier; (Santa Clara) 3,750 gls, Guayaquil; 1,100 gls, Arica; 6,050 gls, Valparaiso; (Mormacsun) 502 gls, Gdynia; 2,750 gls, Stockholm; 714 gls, Danzig; 1,925 gls, American Farmer, London; (Veendam) 25,200 gls, Rotterdam; 3,835 gls, Amsterdam; (Deebank) 2,200 gls, Alexandria; 4,070 gls, Bombay; 100 gls, Madras; 29,660 gls, Rangoon; 41,250 gls, Calcutta; (Hujikawa) 34,321 gls, Yokohama; 4,400 gls, Kobe; 38,775 gls, Osaka; 7,095 gls, Havana, Vera Cruz; 8,800 gls, Aakre, Rio de Janeiro; (Ragnhildsholm) 1,320 gls, Malmo; 2,806 gls, Gothenburg; 495 gls, Stockholm; (Bassano) 2,444 gls, Hull; 10,109 gls, Newcastle; (Grand Terre) 192,845 gls, Havre; 550 gls, Bordeaux; 9,405 gls, Rouen; 74,966 gls, Deutschland, Hamburg; 1,650 gls, Muncaster Castle, Manila; 14,850 gls, Mormacstar, Santos; 2,600 gls, Chr Sass, Rio de Janeiro; 3,300 gls, Henri Jasper, Matadi; (Keiyo) 63,250 gls, Yokohama; 2,750 gls, Shanghai; 9,045 gls, Dairen; 81,880 gls, Moji; 7,150 gls, Jinsen; 53,004 gls, Kobe; (Ponce) 1,650 gls, Arroyo; 3,850 gls, Guanica; (Tampa) 13,465 gls, Brisbane; 10,450 gls, Melbourne; 11,440 gls, Adelaide; 38,500 gls, Fremantle; (Extavia) 2,750 gls, Piraeus; 7,325 gls, Istanbul; 3,300 gls, Izmir; 4,950 gls, Messina; (Dundrum Castle) 550 gls, Durban; 2,950 gls, Point Galet; 5,320 gls, Port Louis; 2,675 gls, Fort Dauphin; 550 gls, Manakara; 10,570 gls, Manajara; 12,240 gls, Tamatave; (Cristobal) 3,250 gls, Arica; 7,865

OIL, LUBRICATING (Continued):—
gls, Callao; 1,100 gls, Panama, 3,025 gls, Agwistar, Tampico; 9,187 gls, Brittannic, Liverpool; (West Humhaw) 870 gls, Freetown; 400 gls, Monrovia; 4,100 gls, Port Bouet; 17,110 gls, Takoradi; 550 gls, Cape Coast; 4,725 gls, Winnebah; 1,925 gls, Keta; 8,225 gls, Accra; 10,450 gls, Lagos; 4,920 gls, Duala; 1,650 gls, Point Noire; 2425 gls, Matadi; (Paraguayo) 4,350 gls, Rio de Janeiro; 22,000 gls, Buenos Aires; (American Shipper) 13,314 gls, Liverpool; 8,440 gls, Manchester
MARINE—4,200 gls, Veendam, Rotterdam
OLEO—5,703 lbs, American Farmer, London; 59,398 lbs, Veendam, Rotterdam; 16,707 lbs, Ragnhildsholm, Gothenburg; 14,147 lbs, Henri Jaspar, Antwerp
PALE—233,218 gls, Thalia, Rio de Janeiro-Santos
PINE—(Hujikawa) 11,880 lbs, Yokohama; 11,-881 lbs, Kobe
RED—10,802 lbs, Mormacsun, Copenhagen
TRANSPORMER—20,250 gls, Thalia, Rio de Janeiro-Santos
PAINT—5,800 lbs, Drottningholm, Gothenburg; 41,212 lbs, Santa Clara, Buenaventura; 66,360 lbs, Eastern Prince, Buenos Aires
PARAFFIN—2,224 lbs, Black Gull, Amsterdam; (Barbarigo) 107,884 lbs, Genoa; 2,670 lbs, Leghorn; 6,673 lbs, Naples; 4,003 lbs, Venice; (Santa Clara) 30,452 lbs, Champerico; 45,210 lbs, Buenaventura; 57,618 lbs, Guayaquil; 19,622 lbs, Arica; 2,892 lbs, Veendam, Amsterdam; 28,215 lbs, Deebank, Rangoon; 50,186 lbs, Havana, Vera Cruz; (Ragnhildsholm) 18,023 lbs, Malmo; 113,014 lbs, Wiborg; 93,620 lbs, Bassano, Newcastle; (Deutschland) 33,798 lbs, Hamburg; 11,313 lbs, Copenhagen; 2,938 lbs, Atlantida, Santiago; 47,204 lbs, Britannic, Liverpool; 58,942 lbs, American Shipper, Manchester
SCALE—13,918 lbs, Black Gull, Amsterdam; 8,402 lbs, Lodestone, Durban; 6,132 lbs, Veendam, Amsterdam; (Extavia) 189,074 lbs, Piraeus; 189,487 lbs, Thessalonika; 4,012 lbs, Dundrum Castle, Port Louis
PETROLATUM, MED—7,680 lbs, Lodestone, Durban
PETROLEUM, REFD—(Dundrum Castle) 38,000 gls, Point Galet; 53,000 gls, Port Louis; 3,850 gls, Fort Dauphin; 48,250 gls, Manakara; 7,500 gls, Manajara; 172,800 gls, Tamatave; (West Humhaw) 15,000 gls, Dakar; 15,000 gls, Conakry; 10,000 gls, Freetown; 4,000 gls, Monrovia; 12,250 gls, Grand Popo; 10,500 gls, Duala; 11,500 gls, Port Gentil; 7,000 gls, Point Noire; 1,000 gls, Boma; 45,000 gls, Matadi
PHENOL—1,155 gls, Oriente, Havana
PITCH—41,955 lbs, Ragnhildsholm, Malmo
COALTAR—43,808 lbs. Britannic, Liverpool
POTASH, BROMATE—5,280 lbs, Veendam, Rotterdam
CHLORATE—22,680 lbs, Oriente, Havana
XANTHATE—13,515 lbs, Tampa, Fremantle
PUTTY—4,028 lbs, Cristobal, Cristobal
RESIN—3,837 lbs, American Farmer, London
SYNTHETIC—2,813 lbs, American Shipper, Liverpool
SACCHARIN—112 lbs, Deebank, Rangoon
SOAP, LAUNDRY—5,750 lbs, Ponce, San Juan
POWDER—9,945 lbs, Ponce, San Juan
TOILET—44,000 lbs, Veendam, Amsterdam
SODA, ASH—24,285 lbs, American Farmer, London; 45,062 lbs, Havana, Vera Cruz; 558,600 lbs, Tercero, Buenos Aires; 123,980 lbs, Agwistar, Tampico; 27,056 lbs, Paraguayo, Rio Janeiro; 5,540 lbs, American Shipper, Manchester
BICARBONATE—22,615 lbs, Santa Paula, Porto Cabello; 72,019 lbs, Havana, Vera Cruz
BICHROMATE—5,640 lbs, Fredhem, Buenos Aires
BICHROMATE CRYSTALS—24,664 lbs, Mormacstar, Buenos Aires
CAUSTIC — 52,500 lbs, Oriente, Havana; (Santa Clara) 12,510 lbs, Pisco; 15,115 lbs, Buenaventura; 190,050 lbs, Havana, Vera Cruz; 1,169,716 lbs, Tercero, Buenos Aires; 400,180 lbs, Akre, Buenos Aires; 1,620,160 lbs, Mormacstar, Buenos Aires; 338,896 lbs, Chr Sass, Buenos Aires; 230,238 lbs, Yamazato, Buenos Aires; 562,080 lbs, Agwistar, Tampico; 46,670 lbs, Cristobal, Mazatlan; 590,639 lbs, Paraguayo, Rio Janeiro
CYANIDE—12,015 lbs, Santa Clara, Callao; 148,518 lbs, Agwistar, Tampico
PHOSPHATE TRI—(Bassano) 11,200 lbs, Hull; 11,200 lbs, Newcastle; 11,347 lbs, American Shipper, Manchester
PYROPHOSPHATE—2,465 lbs, Mormacsun, Stockholm
SILICATE—113,010 lbs, Oriente, Havana; 47,600 lbs, American Farmer, London
STARCH, CORN—1,415 lbs, Drottningholm, Stockholm; (Deebank) 219,960 lbs, Bombay; 22,560 lbs, Calcutta; (Ponce) 500 lbs, San Juan; 3,838 lbs, Jobos; 4,600 lbs, Cristobal, Panama
STEARIN PITCH — 39,956 lbs, Barbarigo, Genoa
SULPHANILAMIDE—560 lbs, American Farmer, London
TALC—150,126 lbs, Tongariro, Wellington
TURPENTINE—(Tongariro) 2,750 gls, Greymouth; 5,900 gls, Lyttelton; 250 gls, Deebank, Rangoon; 2,500 gls, Fredhem, Buenos Aires; 2,500 gls, Tureby, Buenos Aires; 1,540 gls, Akre, Rio Janeiro; 1,290 gls, Mormacstar, Montevideo; 500 gls, Tampa, Fremantle; 250 gls, Dundrum Castle, Port Louis
VARNISH—2,440 lbs, American Farmer, London; 2,425 lbs, Jamaica, Cartagena; 1,140 lbs, American Shipper, Liverpool
WITCH HAZEL EXTRACT—(Tongariro) 992 lbs, Wellington; 992 lbs, Dunedin; 1,987 lbs, American Farmer, London; 2,480 lbs, Tampa, Adelaide
XYLOL—330 gls, Mormacstar, Rio Janeiro
ZINC DUST—2,366 lbs, West Humhaw, Takoradi

Baltimore Exports

Clearance Dates

Aakre, December 3; Astrid, December 7; Capillo, November 30; Capulin, December 7; Eskbank, December 3; Jabostao, December 7; Karmoy, December 10; Malaren, December 8; Mormacmar, November 30; Nordborg, December 6; Ragnhildsholm, November 29; San Rafael, December 9; Vermont, December 2; Yamazato Maru, December 2

ACID, CHROMIC—11,200 lbs, Capulin, Manchester
ALCOHOL, SYNTH—1,017 lbs, Malaren, Stockholm
ASBESTOS REFUSE—1,100 lbs, Malaren, Helsingfors
ASPHALT, SOLID—12,513 lbs, Capillo, London; 259,712 lbs, Capulin, Liverpool
BARYTES—303,600 lbs, Astrid, Cuidad
BLACK, LAMP—1,200 lbs, Vermont, Coco Solo
CALCIUM ARSENATE—12,500 lbs, Vermont, Peru
95,000 lbs, San Rafael, Peru
CHALK, PRECIP—60,000 lbs, Capulin, London
CHEMICALS—3 dms, Astrid, Cuidad
CLEANER—2,568 lbs, Ragnhildsholm, Stockholm
DRY—486 lbs, Capillo, London
PLUMBING—83 lbs, Eskbank, Manila
GREASE, LUBRIC — 2,327 lbs, Mormacmar, Buenos Aires; 36,134 lbs, Capillo, Hamburg; 4,000 lbs, Malaren, Helsingfors; (San Rafael) 17,740 lbs, Chile; 1,930 lbs, Honduras; 2,108 lbs, Costa Rica
INSECTICIDE—1,584 lbs, Capillo, London
OIL, LUBRIC—79 bbls, Capillo, London; 98 bbls, Astrid, Cuidad; 61 gls, San Rafael, Honduras
MINERAL—4,860 gls, Capulin, Liverpool
PAINT, PREP—860 gls, Eskbank, Manila
PORCELAIN ENAMEL LIQ—1,352 lbs, Ragnhildsholm, Oslo
POTASH BICHROMATE—8,038 lbs, Ragnhildsholm, Gothenburg; 22,400 lbs, Aakre, Buenos Aires
RUTILE—750 lbs, Capillo, Hamburg; 6,720 lbs, Capulin, Liverpool
SAND, PREP—507 lbs, Capillo, London
SILICA GRITS—15,000 lbs, San Rafael, Cristobal
SODA ALUMINATE—17,680 lbs, Capillo, London
ASH—551,100 lbs, Mormacmar, Buenos Aires; 551,250 lbs, Yamazato, Buenos Aires
BICHROMATE—(Ragnhildsholm) 4,188 lbs, Gothenburg; 11,200 lbs, Stockholm; 11,200 lbs, Malaren, Abo
CAUSTIC—224,000 lbs, Aakre, Buenos Aires; 112,370 lbs, Eskbank, Hongkong; 560,000 lbs, Jaboatao, Santos
NITRATE—89 tons, Karmoy, Freetown, P.E.I.
STARCH, CORN—62,040 lbs, Capillo, London
SUPERPHOSPHATE—2,679 tons, Nordborg, Port Williams, N S; 2,143 tons, Karmoy, Prince Edward Island
VARNISH—36,770 lbs, Vermont, Cristobal

Boston Exports

Clearance Dates

Capillo, December 5; Hokkai, December 7; Lady Nelson, December 3; Mathura, December, 3; Mormacsea, December 1; Yarmouth, December 3, 8

ALUMINA OXIDE—129 kgs, 1,220 bgs, 160,381 lbs, Mathura, London
BLEACHING POWDER—1 crt, 45 lbs, Mathura, Luton Beds
BRISTLES—2 cs, 261 lbs, Yarmouth, St John, N B
CLAY—165 bbls, 20 tons, Mathura, London
COALTAR, INTERMEDIATES—45 bbls, 12,788 lbs, Mormacsea, Sao Paulo
DRESSING, LEATHER — 16 pls, 1,200 lbs, Hokkai Maru, Wiltz
FLUX—2 dms, 270 lbs, Capillo, Hamburg
INFUSORIAL EARTH — 448 bgs, 22,400 lbs, Mathura, Avonmouth
INK, PRINTING—60 dms, 3,367 gls, Mormacsea, Montevideo
LACQUER — 7 dms, 364 gls, Hokkai Maru, Wiltz, Luxembourg
LINING COMP—(Capillo) 251 dms, 2,071 gls, Hamburg; 4 dms, 212 gls, Goteborg
MEDICINAL PREPS—1 cs, 30 lbs, Lady Nelson, Hamilton; 300 bx, 1,500 gls, Mathura, London
MOLASSES—(Capillo) 50 bbls, 2,750 gls, Bergen; 51 bbls, 2,805 gls, Copenhagen
OIL, LUBRICATING—1 dm, 50 gls, Yarmouth, St John, N B
PINETAR—(Yarmouth) 1 dm, 55 gls, Halifax; 1 dm, 55 gls, St John, N B
SASSAFRAS, SYNTH—2 cns, 120 lbs, Yarmouth, Lockport, N S
RESIN, NEUTRAL—1 dm, 400 lbs, Capillo, Malmo
SYNTHETIC—1 dm, 253 lbs, Mathura, London
SODA, PHOSPHATE—5 kgs, 500 lbs, Yarmouth, St John, N B
SOLDER DROSS—7 bbls, and 5 cks, 9,400 lbs, Mathura, Avonmouth

Corpus Christi Exports

Clearance Dates

Alabama, November 28; Glenpool, November 29; San Arcadio, November 20

GASOLINE—86,738 bbls, San Arcadio, Lizard
PETROLEUM, CRUDE—40,460 bbls, Alabama, Trieste; 55,407 bbls, Glenpool, Foreign

Galveston Exports

Clearance Dates

Kirsten Miles, December 1; Koll, November 30; Nashaba, December 2; Nevada, December 1; Vigilant, December 5; West Cohas, December 3

BLACK, CARBON—300 cs, Nevada, Havre; 10 tons, Nashaba, Antwerp; 1 ton, West Cohas, Manchester; 94 cs, Vigilant, Gdynia
MOLYBDENITE—1,760 bbls, Nevada, Antwerp
PETROLEUM, CRUDE — 14,000 tons, Koll, Havre
SULPHUR, CRUDE—(Kirsten Miles) 700 tons, Raumo; 500 tons, Hernosand
TRIPOLI—55 tons, West Cohas, Manchester

Houston Exports

Clearance Dates

Arena, December 2; Barendrecht, December 3; Clara, December 1; Hallanger, December 5; Kexholm, December 5; Languedoc, December 1; Nashaba, November 30; President Francqui, December 2; Rhea, November 30; Skjelbred, November 30; Tatra, November 30; Utilitas, December 6; Vigilant, December 1; Vimeira, December 3; West Cohas, December 1

ASPHALT—30 dms, Tatra, Copenhagen
BLACK, CARBON—(Tatra) 1,110 bgs, Gothenburg; 367 cs, Gdynia; (Skjelbred) 103 tons, Yokohama; 12 tons, Osaka; 80 tons, Kobe; (Nashaba) 780 cs, 1,744 bgs, Havre; 1,510 bgs, 125 cs, Antwerp; 748 bgs, Rotterdam; 10 tons, Vigilant, Gdynia; (Clara) 6,605 bgs, Trieste; 639 cs, Susak; 147 cs, Salonica via Trieste-Venice; 3 cs, Tel Aviv; (West Cohas) 170 bgs, Liverpool; 7,800 bgs, 197 cs, Manchester; 2,000 bgs, Liverpool-Manchester; (Kexholm) 10 cs, Oslo; 50 cs, 224 bgs, Gothenburg
CLAY—35 tons, West Cohas, Liverpool
GASOLINE—400 tons, Rhea, Havre; 8,900 tons, Arena, Havana; 6,400 tons, President Francqui, Amsterdam; 7,500 tons, Vimeira, United Kingdom; 6,000 tons, Barendrecht, United Kingdom; 14,000 tons, Hallanger, Blaye
KEROSENE—1,000 tons, President Francqui, Amsterdam; 7,500 tons, Barendrecht, United Kingdom
LUBRICANTS—(Tatra) 186 pkgs, Oslo; 152 pkgs, Gothenburg; 308 pkgs, Copenhagen
OIL, FUEL—6,650 tons, Utilitas, Savona
LUBRICATING—170 tons, Skjelbred, Yokohama; 703 tons, Clara, Trieste-Venice; 140 dms, Kexholm, Gothenburg
PETROLEUM, CRUDE—10,000 tons, Rhea, Havre; 7,000 tons, Languedoc, Trieste-Zaule

Lake Charles Exports

Clearance Date

Eleonora Maersk, December 2

PETROLEUM, CRUDE—113,752 bbls, Eleonora Maersk, Italy

Los Angeles Exports

Clearance Dates

Bengalen, November 26; Chinese Prince, November 29; City of San Francisco, November 26; Clausina, November 30; Curaca, November 28; Europa, November 30; Hawaiian, November 29; Kigo, November 30; Taybank, November 26; Teruhawa, November 29; Theodore Foss, December 1

ACETONE—(Benzalen) 6 dms, 2,140 lbs, Rangoon; 4 dms, 1,430 lbs, Calcutta
ACID, BORIC—98 bgs, 10,980 lbs, Bengalen, Calcutta
BORAX—940 bgs, 105,310 lbs, Bengalen, Calcutta; 45 cs, 5,040 lbs, Curaca, Mazatlan
CHEMICALS—5 dms, 2,500 lbs, Chinese Prince, Manila
CLAY, GRD—(Bengalen) 1,000 sks, 100,800 lbs, Singapore; 111 sks, 11,200 lbs, Tarahan; 100 sks, 11,200 lbs, Brlik Papan; 441 sks, 44,800 lbs, Djambi; 10 sks, 500 lbs, Hamaiian, San Juan
CLEANER—25 cs, 1,410 lbs, Taybank, Shanghai; 60 cs, 3,150 lbs, City of San Francisco, Cristobal
GASOLINE—(Clausina) 79,039 bbls, 20,629,180 lbs, Valparaiso; 17,023 bbls, 4,443,000 lbs, Antofagasta; 861 dms, 283,710 lbs, Curaca, Puntarenas
GREASE—69 pkgs, 3,670 lbs, Bengalen, Batavia
INFUSORIAL EARTH—650 bgs, 65,000 lbs, Hawaiian, Ponce
OIL, DIESEL—1,128 bbls, 351,940 lbs, Taybank, Manila
FUEL—32,393 bbls, 10,786,870 lbs, Kiyo, Niigata; 250 dms, 97,570 lbs, Theodore Foss, Topolbampo
LUBRICATING—65 dms, 32,980 lbs, Taybank, Manila; (Bengalen) 80 dms, 9 cs, Singapore; 216 pkgs, 37,250 lbs, Batavia; 52 pkgs, Medan; 7 dms, 3,480 lbs, Curaca, Pumtarenas
PINE—30 dms, 15,050 lbs, Taybank, Manila
SALAD—55 cs, 4,040 lbs, Chinese Prince, Manila
PAINT—6,210 lbs, Bengalen, Palembang
ENAMEL—1,620 lbs, Bengalen, Palembang
PECTIN, CITROUS—2,000 lbs, Europa, London
POTASH MURIATE—499,520 lbs, Hawaiian, San Juan
SODA ASH—250 bgs, 43,070 lbs, Curaca, Mazatlan; 700 bgs, 70,000 lbs, City of San Francisco, Havana
SULPHUR—40 bgs, 6,000 lbs, Curaca, San Jose
PETROLEUM, CRUDE—(Kiyo) 13,833 bbls, 4,315,900 lbs, Kudamatsu; 20,725 bbls, 6,466,200 lbs, Niigata
POTASH MURIATE—1,250 bgs, 250,880 lbs, Bengalen, Cebu/Iloilo
TALC—(Curaca) 60 sks, 4,480 lbs, Mexico; 22 bgs, 2,200 lbs, Mazatlan
TOILET PREPS—470 lbs, Terukawa, Cali; 200 lbs, Curaca, San Salvador; (Hawaiian) 200 lbs, Aquadilla; 200 lbs, San Juan

Mobile Exports

Clearance Dates

Kexholm, November 22; Nea, November 30; Neptuno, December 3; Nordvangen, November 23

CLAY—24 bgs, Nea, San Nicholas
CLEANER—30 bbls, Nordvangen, Kingston
OIL PINE, PITCH—262 dms, Kexholm, Stockholm; 1 dm, Nea, Maracaibo
ROSIN—100 bbls, Neptuno, Havana
GUM—25 bbls, Nordvangen, Ciudad Bolivar
WOOD—(Kexholm) 25 bbls, Oslo; 740 bbls, Gothenburg; (Nordvangen) 25 bbls, Ciudad Bolivar; 10 dms, Port of Spain
TURPENTINE, WOOD—6 dms, Nordvangen, Kingston

New Orleans Exports

Clearance Dates

Baja California, November 12, 25; Bucinum, December 5; Cadmus, November 9; Clara, November 26; Crawford Ellis, November 16; Dalvangen, November 5; Gansfjord, November 26; Keiyo, December 2; Kunikawa, December 1; Lysefjord, November 19; Maasdam, December 3; Mongioia, November 29; Montello, November 28; Morazan, November 23; Narbo, November 29; Nordvangen, November 21; Primo, November 12; Santa Marta, November 22; Sarita, December 8; Sorvangen, November 8; Toloa, November 12; Ulua, November 16, 26; Vestvangen, November 22

ASPHALT—14 tons, Maasdam, Rotterdam; 633 sks, Narbo, London
GILSONITE—18 tons, Maasdam, London
BAKING POWDER—102 ctns, 3 cs, Crawford Ellis, Belize; 1 ton, Gansfjord, Belize
BLACK, CARBON—297 cs, Narbo, London; 87 cs, Montello, Genoa; (Maasdam) 23 tons, London; 1 ton, Amsterdam; 150 cs, Clara, Susak
BONES, DRD—270 sks, Kunikawa, Kobe
CALCIUM ARSENATE — (Ulua) 500 dms, Callao; 800 dms, Pisco
CORN SUGAR—113 tons, Maasdam, London
COTTONSEED MEAL—100 sks, Dalvangen, Kingston
DIATOMACEOUS EARTH—483 sks, Morazan, Vera Cruz
DRUGS—2 tons, Toloa, Havana
FERTILIZER—10 sks, Dalvangen, Kingston
FIRECLAY—100 sks, Dalvangen, Georgetown; 120 sks, Sorvangen, Willemstad
GASOLINE—35 dms, Baja California, Bluefields; (Crawford Ellis) 50 cs, Belize; 50 bbls, Puerto Barrios; 110 dms, 100 bbls, Gansfjord, Puerto Barrios
AVIATION—2,410 tons, Keiyo, Yokohama
GREASE, LUBRIC — 10 dms, Nordvangen, Kingston; 7 dms, 5 half dms, 45 qtr dms, Ulua, Havana
INK—1 ton, Morazan, Vera Cruz
INVALIDS' FOOD—1 ton, Toloa, Havana
KEROSENE—75 cs, 10 dms, Toloa, Puerto Limon; 3,200 cs, Sorvangen, Ciudad Trujillo; (Vestvangen) 830 cans, Ciudad Trujillo; 120 cs, Willemstad; 50 cs, Moengo; 205 cs, Crawford Ellis, Puerto Castilla; (Ulua) 150 cs, Tela; 175 cs, Puerto Limon; 6 dms, 50 cs, Baja California, Bluefields
LARD—(Cadmus) 25 dms, Santiago; 170 tins, Belize; (Toloa) 750 tins, Havana; 100 tins, Panama; 600 tins, Puerto Limon; 400 tins, Puntarenas; 300 tins, Puerto Armuelles; 375 crts, Buenaventura; 50 tins, Guayaquil; 100 tins, Dalvangen, Port of Spain; 27 tons, Primo, Maracaibo; (Sorvangen)
LARD (Continued):—
75 cs, Willemstad; 400 cans, Pue
Cabello; 2,280 tins, La Guaira; 55 bl
Nordvangen, Kingston; 250 tins, Ve
vangen, Port au Prince; (Crawford Elli
2,800 tins, Puerto Colombia; 1,550 ti
Cartagena; 750 tins, Morazan, Vera Cr
(Gansfjord) 250 tins, 113 dms, 60 crts,
cs, Santiago; 400 tins, 13 crts, Belize;
dms, 75 tins, Lysefjord, Santiago; (Ul
300 dms, 100 tins, Havana; 100 ti
Panama; 1,300 tins, Puerto Limon;
tins, Santa Marta, Puerto Barrios; 1,
tins, Vestvangen, La Guaira
LIME—2,400 sx, Lysefjord, Santiago
LUBRICANTS—298 pkgs, Vestvangen, Ciuda
MANDRAKE ROOT—123 sx, Narbo, London
MEDICINAL PREPS—1 ton, Ulua, Havana
MOLYBDENITE CONC — 56 tons, Maasda
Rotterdam
OIL, BLACK—38 bbls, Montello, Marseilles
DIESEL—550 bbls, Dalvangen, Moengo; 5
bbls, Vestvangen, Moengo
FUEL — 18 dms, Cadmus, Belize; 80 dm
Baja California, Bluefields; 900 bbls, So
vangen, Moengo; 1,100 bbls, Vestvange
Moengo; 50 dms, Crawford Ellis, Beliz
200 dms, Gansfjord, Belize; 900 bbls, Da
vangen, Moengo
GAS — 6,000 tons, Buccinum, Amsterdar
7,000 tons, Sarita, Rotterdam
LUBRICATING—21 cs, 25 crts, 10 dms, Ca
mus, Belize; (Toloa) 90 cs, 64 dms, Ha
vana; 72 dms, 10 kgs, Cartagena; 177 dm
70 kgs, 120 ctns, Puerto Colombia;
dms, 10 cs, Arica; 35 dms, Narbo, Lo
don; (Montello) 784 tons, 35 bbls, Genos
52 dms, Naples; (Sorvangen) 47 dm
Puerto Cabello; 30 dms, La Guaira
(Kunikawa) 95 dms, Yokohama; 55 dm
Kobe; 12 dms, Crawford Ellis, Belize; 2
bbls, Clara, Fiume; (Ulua) 10 dms, Ha
vana; 6 dms, Mollendo; 55 bbls, 40 ctn
Nordvangen, Kingston
PINE—6 dms, Ulua, Callao
REFINED—20 dms, Cadmus, Belize; 125 dm
60 cs, Crawford Ellis, Belize; 530 c
Gansfjord, Puerto Barrios
VEGETABLE—22 dms, Toloa, Havana;
dms, 10 tins, Ulua, Havana
PAINT—2 tons, Toloa, Arica; 18 pkgs, So
vangen, Port au Prince; 60 pkgs, Vest
vangen, Ciudad Trujillo
PARAFFIN—1,870 sx, Narbo, London; 50 tons
Maasdam, London; 1,000 sx, Morazan
Vera Cruz; 400 sx, Ulua, Havana
ROSIN—65 dms, Toloa, Buenaventura; 7 dm
Nordvangen, Port of Spain; 60 dm
Crawford Ellis, Cartagena; (Ulua) 50 dm
Buenaventura; 80 dms, Guayaquil
WOOD—100 dms, Toloa, Havana; (Ulua) 22
dms, Havana; 15 dms, Puerto Limon; 2
dms, Santa Marta
SALT—22 tons, Cadmus, Belize; 141 tons, To
loa, Havana; 11 tons, Primo, San Nich
olas; (Vestvangen) 15 bdls, 100 sx, Por
au Prince; 75 sx, Ciudad Trujillo; 26 tons
Gansfjord, Belize; (Ulua) 5 tons, Tela
50 tons, Havana; 39 tons, Cristobal
SCULL CAP HERBS—4 bls, Narbo, London
SERPENTARIA ROOT—3 sx, Narbo, London
SHRIMP BRAN—223 sx, Toloa, Panama
SOAP—31 ctns, Baja California, Bluefields
SODA—50 cs, Vestvangen, Ciudad Trujillo
SOYBEAN MEAL—300 sx, Dalvangen, Bridgetown; 350 sx, Nordvangen, Bridgetown
STARCH, CORN—(Maasdam) 51 tons, London; 27 tons, Rotterdam
TURPENTINE—10 dms, Toloa, Callao; (Vestvangen) 10 cs, Puerto Cabello; 23 cs, La Guaira
WOOD—25 cs, Toloa, Havana
VARNISH—42 pkgs, Vestvangen, Ciudad Trujillo
WILD CHERRY BARK—5 sx, Narbo, London

Norfolk Exports

Clearance Dates

Bestik, December 4; Black Gull, November 28; Capillo, December 2; Cold Harbor, November 23; Collamer, December 7; Gorm, November 28; Manchester Producer, November 28; Mathura, November 25; New York City, December 2; Tai Yin, December 2; Troilus, December 5

CORN SUGAR—1,600 bgs, 162,400 lbs, Capillo, London
DRUGS—11 bls, 4,587 lbs, Collamer, Havre
FIRECLAY—660 bgs, 67,980 lbs, Troilus, Batavia
INSECTICIDE—(Bestik) 2 cs, 1 dm, 742 lbs, St Thomas; 12 cs, 14 ctns, Bridgetown
LOBELIA HERBS—14 bls, 4,690 lbs, Mathura, London
MICA, PULV—60 bgs, 6,120 lbs, Cold Harbor, Dublin; 125 bgs, 12,750 lbs, Black Gull, Antwerp; 40 bgs, 4,080 lbs, Manchester Producer, Manchester; (Capillo) 70 bgs, 7,140 lbs, London; 50 bgs, 5,100 lbs, Hamburg
MOLDING COMPOSITION—11 dms, 683 lbs, Capillo, Hamburg
PAINT—20 dms, 12,515 lbs, New York City, Bristol
SASSAFRAS, CHIP—25 bgs, 2,267 lbs, Capillo, Hamburg
SILICA, GRD—230 bgs, 51,520 lbs, Manchester Producer, Manchester
SODA, CAUSTIC—678 dms, Tai Yin, Shanghai; (Troilus) 20 dms, 13,560 lbs, Tegal; 30 dms, Padang; 15 dms, 10,170 lbs, Oosthaven; 50 dms, 34,000 lbs, Cheribon; 500 dms, 339,000 lbs, Sourabaya; 339 dms, 229,842 lbs, Balik Papan; 40 dms, 27,120 lbs, Macassar; 10 dms, 6,780 lbs, Menado
SOYBEAN MEAL—75 bgs, 7,500 lbs, Bestik, Bridgetown
STARCH, CORN—4,400 bgs, 620,400 lbs, Cold Harbor, Glasgow; 3,000 ctns, 141,374 lbs, Black Gull, Antwerp
TANNING EXTRACT—(Cold Harbor) 200 bbls, 118,806 lbs, Manchester; 470 bbls, 281,590 lbs, Liverpool; 790 bbls, 473,922 lbs, Manchester Producer, Liverpool; 7,500 bgs, 1,140,880 lbs, Gorm, Batov-Otrokovice, Czechoslovakia
TANNING EXTRACT—75 bgs, 11,250 lbs, New York City, Bristol
WITCH HAZEL BARK—3 bls, 1,115 lbs, Capillo, London
LEAVES—11 bls, 4,485 lbs, Collamer, Havre

Philadelphia Exports

Clearance Dates

Black Heron, December 7, 12; Clement, December 12; Collamer, December 5; Collingsworth, December 7; Exhibitor, December 9; Gunvor, December 12; Ingria, December 5; Koenigsberg, December 10; Kota Pinang, December 2; Noordam, December 8; San Rafael, December 3; Scanmail, December 7; West Kebar, December 2

ALCOHOL—148 dms, Collamer, Havre
AMYL—1 pkg, Koenigsberg, Hamburg
ALUMINA SULPHATE—220 bgs, San Rafael, Buenaventura
ANTI-KNOCK COMP—(Collamer) 75 dms, Havre; 4 dms, Dunkirk
ANTI-RUST SOL—1 pl, Collingsworth, Buenos Aires
BENZOL—2 dms, San Rafael, Santiago

BODY SEALING COMP—19 dms, Collingsworth, Buenos Aires
CEMENT, FIBER—22 dms, Collingsworth, Buenos Aires
RUBBER—18 dms, 3 pls, Collingsworth, Buenos Aires
COCOA CAKE—320 bgs, Black Heron, Amsterdam; 367 bgs, Noordam, Amsterdam
WASTE—600 bgs, Black Heron, Amsterdam
COLLODION COTTON—40 pkgs, Black Heron, Rotterdam
DICHLORODIFLUOROMETHANE—(Scanmail) 6 cyls, Copenhagen; 5 cyls, Stockholm
ETHYL FLUID—6 dms, Collamer, Havre
FLUID, BRAKE, HYDRAULIC—6 dms, Collingsworth, Buenos Aires
GASOLINE — (West Kebar) 2,000 cs, Dakar; 1,000 cs, 25 dms, Conakry; 1,000 cs, Freetown; 5,000 cs, 75 dms, Port Bouet; 2,750 cs, 50 dms, Takoradi; 2,040 cs, Winnebah; 3,625 cs, 25 dms, Accra; 500 cs, 15 dms, Lome; 15 dms, Cotonou; 3,000 cs, Lagos; 1,750 cs, 50 dms, Port Harcourt; 1,250 cs, 50 dms, Duala; 2,500 cs, Kribi; 2,750 cs, Port Gentil
GREASE, LUBRICATING—(San Rafael) 1 dm, 10 ctns, Bogota; 21 dms, 8 pls, 38 cs, 1 bx, Bucaramanga; 50 bbls, 40 cs, 30 bkts, Ingria, Lisbon; 1 cs, Collingsworth, Buenos Aires; 1 bx, Scanmail, Copenhagen; (Noordam) 27 pkgs, Rotterdam; 9 pkgs, Amsterdam; 337 pkgs, Koenigsberg, Hamburg
GLAZE, METAL—3 pls, Collingsworth, Buenos Aires
INK, PRINTING—3 pkgs, Black Heron, Antwerp
INSECTICIDE—17 pkgs, Noordam, Heemstede
LICORICE PASTE—45 pkgs, Black Heron, Rotterdam
LINSEED CAKE—4,928 bgs, Noordam, Waalwijk
MEAL—(Gunvor) 200 bgs, Georgetown; 1,865 bgs, Bridgetown; 950 bgs, Port of Spain; 200 bgs, San Fernando; 3,080 bgs, Black Heron, Antwerp
MEDICINAL PREPS—(San Rafael) 10 ctns, Chitre; 7 ctns, Aguadulco; 1 ctn, Panama City
OIL, COALTAR—1 dm, San Rafael, Santiago
FUEL—(West Kebar) 100 dms, Port Bouet; 75 dms, Duala; 50 dms, Kribe; 100 dms, Libreville; 150 dms, Port Gentil
ILLUMINATING — (West Kebar) 500 cs, Dakar; 700 cs, Freetown; 875 cs, Port Bouet; 1,000 cs, Takoradi; 250 cs, Cape Coast; 250 cs, Winnebah; 375 cs, Accra; 500 cs, Lome; 1,000 cs, Cotonou; 1,000 cs, Lagos; 625 cs, 25 dms, Port Harcourt; 1,250 cs, Duala; 1,000 cs, Kribe; 300 cs, Port Gentil
LUBRICATING—(Collamer) 271 bbls, Havre; 100 dms, 30 bbls, Dunkirk; (West Kebar) 10 dms, Freetown; 33 cs, 50 dms, Port Bouet; 25 cs, Takoradi; 25 cs, 8 dms, Winnebah; 80 pkgs, Accra; 20 pkgs, Takoradi; 6 cs, Lagos; 30 cs, 5 dms, 20 pkgs, Duala; 10 cs, 20 dms, Libreville; 39 cs, Leo; 189 pkgs, Nizi; 80 pkgs, Albertsville; 2 cs, Matadi; 70 dms, Brazzaville; 26 pkgs, Usumbra; 25 dms, Jadotsville; (Kota Pinang) 523 pkgs, Singapore; 330 pkgs, Penang; 177 pkgs, Port Swettenham; 429 pkgs, Bangkok; 458 pkgs, Semarang; 340 pkgs, Medan; 730 pkgs, Batavia; 574 pkgs, Sourabaya; 60 pkgs, Padang; 65 cs, Sibolga; 220 cs, Palembang; 120 pkgs, Macassar; 17 cs, Menado; (San Rafael) 75 dms, ¢ qtr dms, Callao; 1 qtr dm, 1 half dms, 4 dms, 15 cs, Bogota; 15 dms, Iquique; 20 dms, Antofagasta; 10 dms, Paita; 12 dms, 2 qtr dms, Mollendo; 50 dms, 5 cs, Bucaramanga; 130 dms, Valparaiso; (Ingria) 52 bbls, 3 dms, 360 cs, Leixoes; 545 bbls, 72 dms, 386 cs, 1,944 ctns, Lisbon; 13 cs, Cape Verde Islands; 15 pkgs, San Thome; 70 cs, Loanda; 40 pkgs, Mossamedes; 11 cs, 1,015 pkgs, 118 dms, Casablanca; 41 pkgs, Oudja; 43 pkgs, Tangier; 37 dms, 69 cs, Gibraltar; 877 dms, Marseilles; 28 dms, Algiers; 10 cs, Oran; 26 dms, Bona; 40 dms, Tunis; (Black Heron) 199 pkgs, Antwerp; 3 pkgs, Rotterdam; 23 dms, Collingsworth, Buenos Aires; (Scanmail) 100 bbls, Copenhagen; 54 dms, Gdynia; 8 dms, Helsingfors; 180 cs, 60 dms, Clement, Pernambuco; (Exhibitor) 25 dms, Piraeus; 12 dms, Bucharest; (Noordam) 40 pkgs, Heemstede; 155 pkgs, Rotterdam; 335 pkgs, Koenigsberg, Harburg
NEATSFOOT—30 dms, Collamer, Seine via Havre; 31 pkgs, Black Heron, Antwerp; 12 pkgs, Koenigsberg, Hamburg
VEGETABLE—1 pkg, Black Heron, Rotterdam
PAINT—133 dms, Collingsworth, Buenos Aires
ENAMEL—1,081 pls, Collingsworth, Buenos Aires
PARAFFIN—(San Rafael) 404 bgs, Oruro; 294 bgs, La Plaz; (Ingria) 600 bgs, Leixoes; 200 bgs, Lisbon
REFINED—2 ctns, Collamer, Paris; 136 bgs, San Rafael, Pasto
SEMI-REFINED—375 bgs, San Rafael, Valparaiso
PHENOL—129 pkgs, Black Heron, Rotterdam
POLISH, AUTO—17 pls, Collingsworth, Buenos Aires
METAL—60 cs, San Rafael, Cristobal
RESIN, COALTAR—4 cs, 3 dms, 15 cns, Collamer, Paris
SOAP—100 cs, Collamer, Spain
SODA, BICHROMATE—3 pls, Collingsworth, Buenos Aires

Port Arthur Exports

Clearance Dates

American Press, November 23; Brasil, November 28; Dungannon, November 27; Eidsvold, November 28; Erlangen, November 26; Hidlefjord, November 28; Husvik, November 26; Meline, November 28; Alfred Olsen, December 1

ASPHALT—(Erlangen) 1,355 bbls, 1,990 dms, Sydney; 1,502 dms, Adelaide; (Husvik) 5 cs, Kingston; 3 dms, Barranquilla; 10 dms, Maranhao; 20 cs, Ceara; 5 cs, Para; 5 dms, Iquitos; 3 dms, Dungannon, Colon; 10 cs, 50 dms, Brasil, Porto Alegre
LIQUID—(Husvik) 5 bxs, Kingston; 1 bx, Barranquilla; 3 bxs, Maranhao; 2 bxs, Cabedello
CLEANER—5 bbls, 25 cs, Husvik, Kingston; 50 cs, Brasil, Porto Alegre
GASOLINE—(Erlangen) 60 dms, Brisbane; 50 dms, Melbourne; (Husvik) 1,500 dms, Barranquilla; 3,000 cs, 300 dms, Maranhao; 10,006 cs, 500 dms, Ceara; 1,106 cs, 1,000 dms, Para; 500 dms, Natal; 250 bbls, Dungannon, Panama City; 2,758 bbls, Hidlefjord, Lands End; (Brasil) 39,596 bbls, Santos; 40,036 bbls, 1,150 cs, Porto Alegre; 73,906 bbls, Alfred Olsen, Stockholm
GREASE, LUBRICATING—(American Press) 196 cs, Cristobal; 25 dms, Antofogasta; 81 dms, 10 cs, Callao; (Erlangen) 100 dms, Brisbane; 22 dms, Sydney; 116 dms, Melbourne; 5 dms, Newcastle; 50 cs, Adelaide; 40 dms, Fremantle; (Husvik) 1 dm, 150 cs, Kingston; 2 dms, Barranquilla; 18 cs, 5 crts, Maranhao; 6 bbls, 10 dms, 227 cs, 15 crts, 5 half bbls, 4 kegs, Cabedello; 5 dms, 80 cs, 30 crts, Ceara; 61 cs, 6 dms, 15 crts, Para; 2 dms, Iquitos; 2 dms, 100 cs, 5 kegs, Natal; 5 dms, 11 cs, Dungannon, Colon; (Brasil) 25 bbls, 20 kegs, 57 cs, Porto Alegre; 4 dms, 30 cs, Corumba
KEROSENE—(Husvik) 5,025 cs, 25 bbls, Kingston; 300 cs, Morant Bay; 50 bbls, Dungannon, Colon; (Brasil) 4,049 bbls, 1,120 cs, Santos; 4,010 bbls, 200 dms, 1,000 cs, Porto Alegre; 13,349 bbls, Alfred Olsen, Stockholm
NAPHTHA—100 cs, Husvik, Ceara
OIL, GAS—24,018 bbls, Alfred Olsen, Stockholm
DIESEL—(Erlangen) 400 dms, Sydney; 200 dms, Melbourne; 150 dms, Newcastle; 1,000 dms, Husvik, Ceara; 50 bbls, Dungannon, Colon; (Brasil) 6,006 bbls, Santos; 2,700 bbls, Porto Alegre
FUEL—65,209 bbls, Dungannon, Cristobal
LUBRICATING — (American Press) 1 dm, Buenaventura; 352 dms, 214 cs, 6 cs, Callao; (Erlangen) 965 dms, Brisbane; 948 dms, Sydney; 1,295 dms, Melbourne; 655 dms, Newcastle; 495 dms, Adelaide; 463 dms, Fremantle; (Husvik) 225 dms, 271 cs, Kingston; 95 dms, 20 cs, Barranquilla; 50 dms, 77 cs, Maranhao; 344 dms, 899 cs, Cabedello; 140 dms, 277 cs, Ceara; 191 dms, 1,016 cs, Para; 13 dms, 4 cs, Iquitos; 100 dms, 331 cs, Natal; 67 dms, 50 cs, Dungannon, Colon; 3,250 dms, Eidsvold, Yokohama - Osaka - Kobe - Moji-Niihama; (Brasil) 775 dms, Santos; 17 bbls, Montevideo; 113 dms, 203 cs, 2 crts, Porto Alegre; 50 dms, 555 cs, Corumba
PAINT SOLVENT—200 dms, Erlangen, Sydney
PARAFFIN—(Erlangen) 40 cs, Newcastle; 25 cs, Sydney; 20 cs, Adelaide; 100 cs, Fremantle; 15 cs, Husvik, Kingston
PETROLEUM, CRUDE—69,965 bbls, Meline, Bordeaux

San Francisco Exports

Clearance Dates

Ariston, November 23; Asama, November 23; Beranger, November 19; Bokuyo, November 19; City of San Francisco, November 25; Cuba, November 22; Curaca, November 26; Dagmar Salen, November 18; Gracia, November 19; Huzisan, November 21; Kingsley, November 23; Pacific Shipper, November 23; Phemius, November 25; President Coolidge, November 19; Silverpalm, November 25; Toho, November 25; Wesser, November 22; Yamagiri, November 21

ABRASIVE PAPER—11 cs, President Coolidge, Manila
ACID, BORIC—5 bbls, President Coolidge, Manila; 5 sks, 7 bbls, Kingsley, Vancouver
FATTY, SOLID—100 sks, Bokuyo, Panama City
100 sks, Bokuyo, Peru
MURIATIC—1 cs, President Coolidge, Hongkong
ALUMINUM PASTE — 1 pl, Curaca, Mexico City
AMMONIA ANHYD—21 cyls, President Coolidge, Shanghai
CHLORIDE—11 dms, Kingsley, Vancouver
APRICOT KERNELS—10 sks, Weser, Klaipeda; 50 sks, Pacific Shipper, London
ASPHALT—15 bbls, 8,113 dms, Dagmar Salen, Bangkok; (Pacific Shipper) 50 dms, Manchester; 100 dms, London; (Silverpalm) 234 dms, Beira; 200 dms, 150 bbls, Durban; 4,192 dms, Phemius, Manila; 25 bbls, Curaca, Cutuco
GILSONITE—(President Coolidge) 141 sks, Osaka; 221 sks, Yokohama; 50 sks, Dairen; 61 sks, Pacific Shipper, Manchester
BIOLOGICALS — 1 cs, President Coolidge, Manila
BLACK, CARBON—631 sks, President Coolidge, Yokohama
BLEACHING POWDER—25 dms, President Coolidge, Hongkong
BLUE, LAUNDRY—13 cs, President Coolidge, Manila
BORAX—16 sks, President Coolidge, Manila; 8 bls, 130 sks, 65 cs, Kingsley, Vancouver
CALCIMINE—9 bbls, Bokuyo, Callao
CARBON BISULPHIDE — 100 dms, Curaca, Sonora
CARAWAY SEED—2 cs, President Coolidge, Manila
CEMENT, CAN—60 dms, Kingsley, Vancouver
KEENES' — 100 sks, President Coolidge, Manila
PIPE-JOINT—1 dm, Kingsley, Vancouver
ROOF—(Silverpalm) 200 pls, Durban; 20 cs, Port Elizabeth
CHARCOAL—5 cs, President Coolidge, Hongkong
CHEMICALS — (President Coolidge) 26 dms, Tientsin; 8 dms, Osaka; 1 cs, Mukden; 5 dms, 4 bbls, Kobe; 28 dms, 11 kegs, 6 cs, Manila; 12 dms, 3 cs, 9 kegs, Hongkong; 2 dms, Kingsley, Victoria; (Phemius) 6 cs, Shanghai; 12 cs, Manila
CHLORINE BLEACH, LIQ—(President Coolidge) 47 cs, Manila; 5 cs, Hongkong; 2 cs, Weser, San Jose de Guatemala
CHLORINE, LIQ—8 cyls, Curaca, Corinto
CHLOROFORM—24 cs, President Coolidge, Hongkong
CINNAMON—10 bls, Bokuyo, Manzanillo; 68 bls, Weser, Guayaquil
CLEANSER — (President Coolidge) 10 cs, Manila; 7 cs, Hongkong; 15 cs, Bangkok; 1 cs, Curaca, Corinto
CLOVES—(Curaca) 5 sks, La Libertad; 4 sks, Corinto
COLOR, DRY—2 bbls, Bokuyo, Guadalajara; (Weser) 8 cs, San Salvador; 1 bbl, 1 keg, 26 cs, Guatemala; 2 bbls, Kingsley, Vancouver; 2 bbls, Curaca, Guadalajara
COMPOUND—2 sks, Kingsley, Vancouver
COPRA—1,502 sks, Bokuyo, Valparaiso
CREAM TARTAR—1 pkg, President Coolidge, Manila
DISINFECTANT—10 dms, President Coolidge, Hongkong
DYE, LEATHER—1 cs, Kingsley, Vancouver
ETHER—15 cs, Phemius, Hongkong
FERTILIZER—1 sk, President Coolidge, Manila
FLAVORING EXTRACT—3 bbls, Kingsley, Vancouver
FLUX, SOLDER—4 pls, Kingsley, Vancouver
FLY SPRAY—10 cs, Dagmar Salen, Bangkok
GASOLINE—(Dagmar Salen) 300 dms, Yokohama; 600 dms, Osaka; 400 dms, Kobe; 200 dms, Yamagiri, Yokohama; (Curaca) 139 dms, Puntarenas; 25 cs, Corinto
GINSENG—23 bbls, President Coolidge, Hongkong
FIBER—2 bbls, President Coolidge, Hongkong
GLAUBER'S SALT—35 sks, Kingsley, Vancouver
GLUCOSE—18 cs, President Coolidge, Hongkong; 70 bbls, Phemius, Manila
GLUE—1 kg, Weser, Guatemala City; 25 pls, Kingsley, Vancouver
GLYCERIN — (President Coolidge) 10 dms, Hongkong; 100 cs, Manila
GREASE, LUBRICATING—29 dms, 12 cs, Dagmar Salen, Bankok; 10 dms, Asama, Kobe; (Kingsley) 10 cs, Vancouver; 92 dms, 291 pls, 10 cs, Shellburn; 3 bbls, 24 cs, Curaca, Puntarenas
GYPSUM—9 cs, President Coolidge, Hongkong; 2 cs, Weser, Guatemala City
HEPTANE, NORMAL—4 cs, Cuba, Japan
HOPS—6 cs, President Coolidge, Manila
HYDROGEN, PEROXIDE—38 cs, 1 bbl, Kingsley, Vancouver
INK, PRINTING—3 pls, Kingsley, Vancouver; 1 dm, Phemius, Manila
WRITING—20 cs, President Coolidge, Manila
INSECTICIDE—32 cs, President Coolidge, Manila; 4 cs, Weser, San Salvador; 260 cs, Phemius, Manila
KEROSENE—10 dms, Curaca, Puntarenas
LACQUER—(Weser) 1 cs, San Salvador; 5 cs, Guatemala City; 20 pls, Curaca, Mexico City
THINNER—4 pls, Curaca, Mexico City
LEAD, RED, DRY—8 dms, President Coolidge, Hongkong
WHITE—600 kgs, President Coolidge, Manila
LIME, HYDRATED—600 sks, Kingsley, Vancouver
ROCK—239 sks, Kingsley, Vancouver
LITHARGE—8 dms, President Coolidge, Hongkong; 1 dm, 25 kgs, Curaca, Mazatlan
LITHOPONE—4 sks, Kingsley, Victoria
LUBRICANT—4 cs, Kingsley, Shellburn
LYE—1 cs, Curaca, Puntarenas
MAGNESITE—90 sks, Beranger, Belgium
MEDICINAL PREPS—24 pkgs, 4 cs, President Coolidge, Hongkong
MANGE—30 cs, Kingsley, Vancouver
VETERINARY—2 cs, Kingsley, Vancouver
MILK POWDER—(President Coolidge) 1 bbl, 40 cs, Hongkong; 150 bbls, Manila; 10 cs, City of San Francisco, Barranquilla
SUGAR—560 bbls, President Coolidge, Kobe
MILLET SEED—2 sks, Curaca, San Jose de Guatemala
MUCILAGE—6 cs, President Coolidge, Manila
OIL, CHINAWOOD—5 dms, Bokuyo, Mexico City
CODLIVER—30 cs, Phemius, Manila
CYLINDER—5 dms, Dagmar Salen, Bangkok
DIESEL — (Ariston) 59,636 bbls, Nagoya; 31,572 bbls, Osaka
FISH, EDIBLE—2 dms, Bokuyo, Callao
FUEL—13,124 bbls, Ariston, Osaka
HARDENED—2,000 sks, Bokuyo, Manzanillo
LIVER—6 dms, Asama, Yokohama; 2 dms, Pacific Shipper, London
LUBRICATING—(Dagmar Salen) 951 dms, 75 cs, Bangkok; 6,190 bbls, Tsurumi-Itosaki; (President Coolidge) 8 cs, Tokio; 150 dms, Manila; 3 cs, 180 dms, Yokohama; 150 dms, Moji; 150 dms, Kobe; (Bokuyo) 50 dms, Valparaiso; 67 dms, Bogota; (Asama) 15 dms, Yokohama; 50 dms, Kobe; 40 dms, Moji; (Kingsley) 2 bbls, Vancouver; 65 dms, 26 cs, Shellburn; 34 dms, 37 cs, Curaca, Puntarenas
OLIVE—10 bbls, President Coolidge, Manila
RAPESEED—1 dm, Cuba, Japan
TRAIN—4 cs, Weser, Puerto San Jose
TRANSFORMER—1 crt, Curaca, Puntarenas
OXYGEN—12 cyls, Curaca, Managua
PAINT—20 pls, Dagmar Salen, Bangkok; 11 cs, 40 kgs, President Coolidge, Manila; (Bokuyo) 7 cs, Arequipa; 17 dms, Callao; (Weser) 4 kgs, 10 cs, San Salvador; 192 cs, Guatemala City; (Pacific Shipper) 20 pls, 5 cs, Manchester; 45 pls, 5 cs, London; (Silverpalm) 10 cs, 164 pls, Beira; 62 cs, 40 pls, 6 dms, Durban; 20 pls, Curaca, Mexico
ENAMEL — 8 cs, Weser, Guatemala City; (Curaca) 49 pls, 9 cs, Mexico City; 4 cs, Hermosillo; 3 pls, 2 cs, Guatemala City
LIQUID—5 cs, City of San Francisco, Havana
PREPARED—20 cs, City of San Francisco, Havana
REMOVER—5 cs, Weser, Guatemala City
THINNER—6 dms, Bokuyo, Callao; (Weser) 7 cs, San Salvador; 2 cs, 2 dms, Guatemala City; 1 dm, Curaca, Mexico City
PASTE, LIBRARY—1 cs, President Coolidge, Manila
PEELS—13 dms, Kingsley, Vancouver
PEPPER, BLACK—70 sks, Weser, Guayaquil; 6 sks, Curaca, Corinto
PETROLATUM—30 dms, President Coolidge, Hongkong
PETROLEUM—2 bbls, Kingsley, Victoria
CRUDE—87,000 bbls, Huzisan, Tokuyama; GAS, LIQ—6 cyls, Kingsley, Shellburn
OXYGENATED—670 dms, Yamagiri, Kobe
PINETAR—9 cs, Weser, Puerto Rico, San Jose
POLISH, FLOOR—15 cs, 2 dms, President Coolidge, Manila
FURNITURE—3 cs, Weser, Guatemala City
POLISH, METAL—4 cs, President Coolidge, Manila
SHOE—18 cs, President Coolidge, Manila
STOVE—1 cs, Curaca, Puntarenas
PRESERVATIVE, WOOD—1 ea, Weser, Guatemala City
PUMICE STONE, POWD—1 kg, President Coolidge, Manila
PUTTY—2 cs, Weser, Guatemala City; 2 cs, Curaca, Mexico City
ROSIN, GUM—30 bbls, President Coolidge, Yokohama
SALT—(President Coolidge) 15 tons, Manila; 5 sks, Hongkong
SALTS, MINERAL—40 sks, Curaca, Acajutla
SEALING COMP—28 dms, President Coolidge, Yokohama
SHELLAC, GUM—5 bbls, Kingsley, Victoria
SOAP—(President Coolidge) 7 cs, Hongkong; 2 cs, Manila; 1 cs, Curaca, Mazatlan
LAUNDRY—790 cs, President Coolidge, Manila; 2 cs, Curaca, Puntarenas
POWDER—(President Coolidge) 3 cs, Manila; 10 cs, Hongkong
SCOURING—3 cs, Curaca, Puntarenas
TOILET—13 cs, President Coolidge, Manila
VETERINARY—1 cs, President Coolidge, Manila; 8 cs, Kingsley, Vancouver
SODA—25 cs, President Coolidge, Hongkong
ASH—30 dms, 13 sks, Curaca, Corinto
BICARBONATE—(President Coolidge) 4 cs, Hongkong; 3 cs, Manila
SILICATE—60 dms, Gracia, Vancouver; 12 dms, Kingsley, Vancouver; 3 dms, Curaca, San Juan del Sur
SULPHIDE—30 dms, Kingsley, Vancouver
SOLVENT, PETROLEUM—8 dms, Cuba, Japan
SULPHUR—9 sks, Curaca, Corinto
FLOWERS—110 sks, Kingsley, Vancouver
REFINED—225 sks, Kingsley, Vancouver
TALC—100 sks, Kingsley, Vancouver; 40 sks, Curaca, Corinto
TALLOW—100 dms, Curaca, San Jose de Guatemala
TAPIOCA—(Curacao) 4 sks, San Jose de Guatemala; 6 sks, Mazatlan
TOILET PREPS—(President Coolidge) 451 cs, Manila; 2 cs, Cebu; 9 pkgs, Bangkok; 42 cs, Hongkong; 6 cs, Phemius, Shanghai
VANILLA BEANS—25 cs, Weser, Hamburg
VARNISH—5 cs, Bokuyo, Arequipa; (Weser) 1 cs, San Salvador; 1 dm, 8 cs, Guatemala City; (Curaca) 10 pls, Guatemala City; 3 pls, Mexico City
WAX—2 cs, President Coolidge, Manila
FLOOR—2 cs, Weser, Guatemala City
SHOE—3 cs, Kingsley, Vancouver
YEAST—(Asama) 180 cs, Yokohama; 140 cs, Kobe
YERBA SANTA—11 sks, Pacific Shipper, London
ZINC DUST—(Curaca) 25 dms, Mazatlan; 115 cs, Amapala

Savannah Exports

Clearance Dates

Silveryew, November 30; Tai Yin, December 4; Vermont, December 8

ROSIN, GUM—(Vermont) 4 dms, 1 bbl, Port Limon; 30 dms, Maracaibo; 125 bbls, Silveryew, Shanghai
WOOD—50 dms, Tai Yin, Shanghai
TURPENTINE GUM—(Vermont) 85 dms, 100 cs, Valparaiso; 150 cs, 20 dms, Callao; 20 cs, Mollendo; 25 cs, Lima

Tampa Exports

Clearance Dates

Langleecrag, December 1; Livenza, November 30; Luossa, December 1; Motagua, December 1; Scottsburg, December 3

PHOSPHATE—3,019 tons, Livenza, Fiume; 7,611 tons, Luossa, Antwerp; 7,907 tons, Langleecrag, Yokohama-Osaka-Kobe; 2,000 tons, Scottsburg, Rotterdam
SALT—5 bgs, Motagua, Belize
SOAP, LAUNDRY—6 cs, Motagua, Belize
TOILET—3 cs, Motagua, Belize

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—13,697 bbls, Rawleigh Warner, Texas City; 31,345 bbls, Chiloil, New York; 91,588 bbls, John Worthington, Baytown
NAPHTHA—22,675 bbls, Thermo, Texas City
OIL, FUEL—32,233 bbls, J J Coney, New York; 74,221 bbls, H M Flagler, Baytown
GAS—24,481 bbls, Chiloil, New York; 43,726 bbls, Dixiano, Carteret, N J; 48,364 bbls, Amsco, Sewaren, N J; 79,485 bbls, Swiftsure, Sewaren
PETROLEUM, CRUDE—(Thermo) 100,703 bbls, Texas City; 47,739 bbls, Baytown; (Paco) 56,932 bbls, Texas City; 19,442 bbls, Baytown; 18,953 bbls, J J Coney, New York; 74,157 bbls, Dungannon, Port Neches; 88,417 bbls, Broad Arrow, Providence; 60,785 bbls, Federal, Houston; 54,130 bbls, Alabama, Port Neches; 148,556 bbls, Wm Rockefeller, Baytown; 109,956 bbls, W C Teagle, Baytown; 109,390 bbls, Walter Jennings, Baytown; 75,053 bbls, Astral, New York; 49,216 bbls, Dannedaike, Texas City; 148,095 bbls, John D Archbold, Baytown; 136,461 bbls, W S Farish, Baytown; 111,517 bbls, H H Rogers, Baytown

Los Angeles Coast Trade

GASOLINE—68,627 bbls, Mojave, Portland; 2,619 bbls, San Diegan, San Diego; 74,505 bbls, Dirigo, Oakland; 7,214 bbls, Lebec, Portland; 45,248 bbls, Warwick, Oleum; 10,842 bbls, San Diegan, San Diego; 75,000 bbls, Camden, Sewaren; 96,847 bbls, China Arrow, Providence
OIL, DIESEL—7,196 bbls, Mojave, Portland
FUEL—8,177 bbls, Mojave, Portland; 60,823 bbls, Lebec, Portland; 2,378 bbls, Coast Banker, Portland; 1,850 bbls, Scotia, Eureka; 65,837 bbls, Frank G Drum, Avon; 50,228 bbls, Topila, Portland

Cargo Ship Arrivals

December 10 to December 23

New York

Agwistar	Tampico*	Dec 20
Alabaman	Portland*	Dec 22
American	Tacoma*	Dec 14
American Farmer	London	Dec 20
American Merchant	London*	Dec 14
American Traveler	Manchester*	Dec 16
Amor	Maracaibo*	Dec 19
Anita	Santos	Dec 23
Antigua	Puerto Barrios*	Dec 15
Argentina	Buenos Aires*	Dec 13
Ascania	Havre*	Dec 14
Ausonia	Havre*	Dec 20
Birmania	Trieste*	Dec 20
Black Condor	Antwerp*	Dec 12
Black Eagle	Rotterdam*	Dec 14
Black Hawk	Rotterdam*	Dec 21
Black Osprey	Rotterdam*	Dec 13
Black Tern	Rotterdam*	Dec 13
Braheholm	Roumo*	Dec 19
Borinquen	Trujillo*	Dec 19
Bremen	Bremen*	Dec 12
Browning	Santos*	Dec 20
Cape Howe	Bahia*	Dec 22
Champlain	Havre*	Dec 20
Charles R McCormick	Stockton*	Dec 19
City of Dalhart	Melbourne*	Dec 15
City of Glasgow	Lyttelton*	Dec 15
City ofMobile	Calcutta*	Dec 13
City of Norfolk	San Francisco*	Dec 19
City of San Francisco	San Francisco*	Dec 12
Coamo	Trujillo*	Dec 12
Cristobal	Cristobal*	Dec 19
Elin K	Hamburg	Dec 17
Dollus	Singapore*	Dec 15
Eurybates	Batavia*	Dec 14
Examiner	Oran*	Dec 16
Excello	Bourgas*	Dec 15
Exochorda	Jaffa*	Dec 22
Fernbrook	Alexandria*	Dec 15
Fernmoor	Naples*	Dec 14
Fort Amherst	St John's*	Dec 14
Glaucus	Singapore*	Dec 12
Guayaquil	Port au Prince*	Dec 13
Hansa	Hamburg*	Dec 16
Henri Jaspar	Antwerp*	Dec 20
Idefjord	Bergen*	Dec 13
Ilsenstein	Antwerp	Dec 15
Jamaica	Puerto Colombia*	Dec 15
K L Luckenbach	Seattle*	Dec 22
Kiyosumi	Singapore*	Dec 13
Kota Radja	Macassar*	Dec 20
Kungsholm	Gothenburg*	Dec 16
Kyusyu	Singapore*	Dec 14
Laconia	Liverpool*	Dec 19
Lagaholm	Iggesund*	Dec 15
Laura C	Trieste*	Dec 14
Manhattan	Hamburg*	Dec 21
Markhor	Calcutta*	Dec 15
Marna	Valparaiso*	Dec 23
Mexican	Portland*	Dec 16
Minnesotan	Tacoma*	Dec 19
Mormacport	Gdynia*	Dec 19
Mormacrio	Santos*	Dec 16
Mulheim Ruhe	Sundsvall*	Dec 16
Nieuw Amsterdam	Rotterdam*	Dec 14
Nordvest	Bombay*	Dec 20
Orizaba	Vera Cruz*	Dec 18
Oslofjord	Oslo*	Dec 19
Panuco	Vera Cruz*	Dec 14
Paris	Cherbourg*	Dec 14
Pilsudski	Gdynia*	Dec 22
Pipestone County	Havre*	Dec 13
Ponce	La Romana*	Dec 19
Portmar	Vancouver	Dec 17
Puerto Rico	Ponce*	Dec 14
Queen Mary	Southampton*	Dec 15
Rio Novo	Buenos Aires*	Dec 17
Robert Luckenbach	Seattle*	Dec 12
Robert Maersk	Antwerp*	Dec 18
Robin Adair	Mombasa*	Dec 23
Roma	Trieste*	Dec 21

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S.O.C.M.A. Honors Herty In Memorial Resolutions

—*Continued from page 3*

copy be deposited in the archives of the Chemists' Club of New York City; and that a third copy be presented to the laboratory of his own alma mater, the University of Georgia, where so many of his useful years as student and later as educator were spent.

The annual meeting of the association was held in the late afternoon following a meeting of the board of governors. As usual, the business session was not very lengthy.

Report of Secretary

The status of the association was briefly presented in the report of the secretary, Charles A. Mace, who also commented on various legislative and other aspects of the general economic situation. He said:—

In this report of the secretary no attempt has been made to give the year's activities in detail, as the monthly meetings of the association present this picture

Dr. E. H. Killheffer
S.O.C.M.A. First Vice-President

serially. What follows is really a brief summary of the year and includes what would be the president's report as well as that of the secretary. I might say here that our regular standing committees all report progress.

Membership

This year we lost two old members, one through a consolidation with another member and the other through resignation, due to a dearth of products in our field. However, we welcome today two new members, the Phoenix Color & Chemical Company and the Verona Chemical Company, thus keeping our membership list at par.

Meetings

There were ten general meetings of the association held this year, including this one. The attendance was well maintained, more than 340 representatives of our member companies attending. The annual outing at Skytop last June was the usual big success.

Customs Administration

This most important activity of the activity of the association, in which we cooperate with the Treasury Department and the Department of Justice to the best of our ability, continues to present its problems. Report of customs counsel will cover this in detail.

Cooperation with the U. S. Appraiser

This is another most important activity of the association which was carried on during the past year in the same satisfactory manner as heretofore. There is a good healthy respect and reliance existing in this connection that is mutual, and our members as usual responded promptly whenever called upon for samples, tests, and other data.

Samples to Members

In this service we have fortunately been able to supply most requests from our sample files, both dyestuffs and nondyestuffs, and will continue to do so as far as we are able.

Special Information

We are continually being called upon by our members for specific information of all kinds, and, of course, are always at your service, and in most cases find we are able to furnish such information promptly. These requests appear in too many forms to enumerate here.

Patents

In connection with the patents over the past year to which the association ascribes, we have noted a steady advance in the number of patents issued in this group, 1,400 this year as against 1,300 last year, each successive year showing an increase. A survey likewise reveals a greater amount of research going on among our respective companies, namely, Calco, Carbide, Dow, duPont, Eastman, and National, and some others, if we can judge the increased number of patents issued to these various companies over the

Dr. F. G. Zinsser
S.O.C.M.A. Second Vice-President

past year to be an indication of more intense research. On the other hand, we note a general shrinkage in number of patents issued to various foreign-controlled companies.

Legislation, Reciprocal Trade Pacts

With the completion of the United States trade pacts with the United Kingdom, including its colonies, and the Dominion of Canada, which will become effective January 1, 1939, this country will have in effect twenty trade pacts in all. This means that actually the 1930 tariff act has been so revised that in its original form it now applies solely to Germany.

It is estimated that about three-quarters of all the dutiables in the tariff act have been revised and hundreds of free items bound. In the chemical schedule alone thirty-seven of the ninety-seven paragraphs were changed, among them paragraph 28, which reduced the rate on hundreds of items. The net result of all the chemical reductions is apparently a lower-

Ralph E. Dorland
S.O.C.M.A. Treasurer

ing of revenue for our treasury without much effect on imports. Where we are most likely to feel the trade pacts, however, is in the reduced consumption of our products should imports seriously affect the business of our consuming industries.

It is well to remember the fact that the trade agreements act of 1934 expires in June, 1939, and that the requirement of the sanction of the senate on all treaties may again be heard in the Halls of Congress before this reciprocal program is extended or even continued past the expiration dates of the respective pacts. You have undoubtedly noted in every case that the parliament or congress of the foreign party to a pact had to pass on it before it became effective.

Wage and Hour Act

It is not felt that the new wage and hour act will affect our members to any extent. The wages and hours in our field are not the sort that Administrator Andrews is after.

Antimonopoly Investigation

Ths association received one of the 2,800 questionnaires sent to trade associations by the Department of Commerce in connection with the antimonopoly investigation now being carried on by the Temporary National Economic Committee. We submitted our duly filled-in copy on the sixteenth of November, but to date have not had even an acknowledgment of its receipt.

The initial investigation of this committee in connection with the patent pooling, licensing, etc., in the automobile industry resulted in rather commendatory remarks from the committee regarding the manner in which that industry had handled this problem, that is, favorable to competition and not monopolistic.

Federal Food, Drug and Cosmetic Act

The inclusion of cosmetics in this act has imposed a tough job on the part of the authorities. Cosmetic color certification must be sped up a lot if the job is to be

Victor E. Williams
S.O.C.M.A. Board Member

anywhere near finished by the effective date next June. Member manufacturers are urged to help the Food and Drug Administration all they can in this difficult and complex job.

In conclusion, it would not be fair to omit congratulations to the membership on its splendid cooperation during the past year, both in attendance and service.

Officers Re-elected

The other routine matter on the annual meeting's program—the election

A. L. van Ameringen
S.O.C.M.A. Board Member

for officers—was a "spirited affair" only in its manifestation of a spirit of confidence and satisfaction. All the retiring officers were re-elected without opposition, and the only change effected in the official family was the succession of Victor E. Williams, of the Monsanto Chemical Company, to the position of the board of governors previously held by G. Lee Camp, of the same company. The members of the official family are:—

President, August Merz, of the Calco Chemical Company.

First vice-president, Dr. E. H. Killheffer of E. I. duPont de Nemours & Co.

Second vice-president, Dr. F. G. Zinsser, of Zinsser & Co.

Treasurer, Ralph E. Dorland, of the Dow Chemical Company.

Secretary, C. A. Mace, 260 West Broadway, New York.

Other members of the board of governors, Charles M. Richter, of the Pharma Chemical Corporation; Victor E. Williams of the Monsanto Chemical Company; A. L. van Ameringen, of van Ameringen-Haebler, Inc.

The annual gathering had one new feature this year—it was followed by a festive dinner, a sort of informal Christmas party. Ralph E. Dorland was toastmaster. In his official capacity "Doc" read a sympathetic poem contributed by Charles C. Concannon, chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce, and, with warnings that the relaxation nature of the occasion be fully regarded, elicited impromptu remarks from Daniel F. Waters, a Philadelphia dyestuffs veteran; Charles E. Kelly, chairman of the Drug, Chemical and Allied Trades Section of the New York Board of Trade; Hugh Craig, managing editor of the OIL, PAINT AND DRUG REPORTER; Dr. E. H. Killheffer, former president of the association; and George W. Wolf, long an appraiser of chemicals in the customs service.

Following these contributions the diners—there were eighty-odd of them—were entertained with professional music, legerdemain, facial contortion, and acrobatics.

Natural Gas Consumption Sets New Record in 1937

The marketed production of natural gas in 1937 reached a new peak of 2,447,620,000 cubic feet, according to the Bureau of Mines, United States Department of the Interior. This total represents a gain of 13 percent over 1936, the same relative increase as was registered in 1936 over 1935. Exports of natural gas declined materially, amounting to only 4,868,000,000 cubic feet, compared with 7,436,000,000 cubic feet in 1936. Imports from Canada were 289,000,000 cubic feet, or almost double the 1936 figure.

Of the 2,443,041,000,000 cubic feet of gas consumed in 1937, 691,320,000,000 cubic feet was used for field purposes; 371,844,000,000 cubic feet was used by domestic consumers; 117,390,000,000 cubic feet was used by commercial consumers; 341,085,000,000 cubic feet was consumed in the manufacture of carbon black; 170,567,000,000 cubic feet was consumed at electric public utility power plants; 113,005,000,000 cubic feet was consumed as petroleum refinery fuel, leaving 637,830,000,000 cubic feet consumed for other industrial purposes. Compared with 1936 these data reflect chiefly gains in carbon-black and refinery uses at the expense of domestic consumption and field use.

Dividends Declared

Class and period.	Amt.	Pay.	Record.
Amer. Agri. Chem. Co., New	$0.35	Dec. 27	Dec. 16
Amer. Cyanamid Co. Class A (Q)	.15	Jan. 3	Dec. 15
Amer. Cyanamid Co. Class B (Q)	.15	Jan. 3	Dec. 15
Amer. Cyanamid Co. 5% Conv. Pfd. (Q)	.12½	Jan. 3	Dec. 15
Amer. Potash & Chem. Corp.	1.00	Dec. 16	Dec. 13
Amer. Snuff Co. Co. (Q)	.75	Jan. 3	Dec. 15
Cunningham Drug Stores, Inc., Com.	.25	Jan. 20	Jan. 5
Garlock Packing Co. Com.	.75	Dec. 24	Dec. 17
General Paint Corp. Pfd. (Q)	.67	Jan. 3	Dec. 16
Gen. Printing Ink Pfd. (Q)	1.50	Jan. 3	Dec. 20
Intl. Cellucotton Prods. Co. (Q)	.37½	Jan. 3	Dec. 20
Intl. Cellucotton Prods. Co. (Q) Ext.	.50	Dec. 17	Dec. 8
Intl. Vitamin Corp. Com.	.07½	Dec. 28	Dec. 17
Kendall Refg. Co.	.30	Dec. 24	Dec. 13
Oliver Un. Filter Class B	.50	Dec. 23	Dec. 16
Parker Rust Prof Co. Com.	.25	Mar. 1	Feb. 10
Pyrene Mfg. Co. Com.	.20	Dec. 23	Dec. 15
Sunray Oil Corp. 5½% Pfd. (Q)	.68¾	Jan. 3	Dec. 17
Victor Chemical Works Com.	.35	Dec. 27	Dec. 17

Monsanto Chemical Company, St. Louis, new cumulative preferred stock has been designated as series B, being identical to series A preferred stock already outstanding except as respected the premium payable on redemption and voluntary dissolution.

Current Market Quotations

Zinc—Zirconium

—*Continued from page 21*

Z

Zinc acetate, tech., bbls., dvld.,	lb.	.21 -	—
USP, bbls., 250 lbs.	lb.	.27 -	—
kgs., 100 lbs.	lb.	.29 -	—
Arsenate, bgs., cs., c.l., dealers, E. of Rockies.	lb.	.12½-	—
c.l., bgs., cs.	lb.	.13 -	—
E. of Rockies.	lb.	.12½-	—
W. of Rockies, bgs.	lb.	.12½-	—
Arsenite, bgs., cs., c.l., dealers, l.c.l., bgs., cs.	lb.	.13 -	—
W. of Rockies, bgs.	lb.	.12½-	—
Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.			
Carbonate, tech., bbls.	lb.	.14 -	.15
USP, precip., powd., bbls.	lb.	.31 -	—
dms.	lb.	.36 -	—
kgs.	lb.	.33 -	—
Chloride, fused, dms., c.l., works.	100 lbs.	4.25 -	—
l.c.l., works	100 lbs.	4.60 -	—
gran., dms., c.l., works, 100 lbs.		5.00 -	—
l.c.l., dms., works.	100 lbs.	5.75 -	—
USP, 200-lb. dms.	lb.	.25 -	—
25-lb. jars	lb.	.31 -	—
solut., dms., wks.	lb.	.04½-	—
tanks	lb.	.0226-	—
Cyanide, kgs., works.	lb.	.33 -	—
Dust, bbls., c.l., dlvd.	lb.	.06½-	—
l.c.l., bbls., dlvd.	lb.	.07 -	—
Fluoride, bbls.	lb.	.20 -	.25
Iodide, N.F., bots.	lb.	4.35 -	—
jars	lb.	4.20 -	—
Zinc, metal (see daily quotations in Market report)			
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd.	lb.	.06½-	.07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	.07¾
ex whse., Pac. cst.,	lb.	.06½-	.07¾
bbls., c.l., dlvd.	lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	.08
ex whse., Pac. cst.	lb.	.06¾-	.08
leaded, 5%, bgs., c.l., dlvd.	lb.	.06½-	—
l.c.l., dlvd., except ex whse., Pac. cst.	lb.	.06¾-	—
bbls., c.l., dlvd.	lb.	.06¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	—
ex whse., Pac. cst.	lb.	.06¾-	—
35% bgs., c.l., dlvd.	lb.	.06 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¼-	—
ex whse., Pac. cst.	lb.	.06¼-	—
bbls., c.l., dlvd.	lb.	.06¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	—
ex whse., Pac. cst.	lb.	.06½-	—
50%, bgs., c.l., dlvd., except Pac. cst.	lb.	.0606-	—
Pac. cst.	lb.	.0612 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.0631-	—
ex whse., Pac. cst.	lb.	.0631 -	—
bbls., c.l., dlvd.	lb.	.0631-	—
l.c.l., dlvd., except Pac. cst.	lb.	.0656 -	—
ex whse., Pac. cst.	lb.	.0656 -	—
French process, com'l, lead-free, bgs., c.l., dlvd.	lb.	.06¼-	.07½
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	.07¾
ex whse., Pac. cst.	lb.	.06½-	.07¾
bbls., c.l., dlvd.	lb.	.06½-	.07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	.08
ex whse., Pac. cst.	lb.	.06¾-	.08
green seal, bgs., c.l., dlvd.	lb.	.06 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¼-	—
ex whse., Pac. cst.	lb.	.06¼-	—
bbls., c.l., dlvd.	lb.	.06¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06½-	—
ex whse., Pac. cst.	lb.	.06½-	—
red seal, bgs., c.l., dlvd.	lb.	.07½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.07¾-	—
ex whse., Pac. cst.	lb.	.07¾-	—
bbls., c.l., dlvd.	lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.08 -	—
ex whse., Pac. cst.	lb.	.08 -	—
white seal, bgs., c.l., dlvd.	lb.	.06½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾-	—
ex whse., Pac. cst.	lb.	.06¾-	—
bbls., c.l.	lb.	.06¾-	—
l.c.l., dlvd., except Pac. cst.	lb.	.09 -	—
ex whse., Pac. cst.	lb.	.09 -	—
import, gold seal, cks., ex whse.	lb.	.13 -	.14
green seal, bbls., ex whse.	lb.	.10 -	—
white seal, cks., ex whse.,	lb.	.11 -	.12¼
USP, bbls., c.l.	lb.	.09½-	—
Palmitate, bbls.	lb.	.23 -	.25
Resinate, fused, pale, bbls.	lb.	.10 -	—
precip., dms., dlvd.	lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20 -	—
l.c.l., 1 ton	lb.	.21 -	—
1,000-2,000 lbs.	lb.	.22 -	—
less than 1,000 lbs.	lb.	.23 -	—
U.S.P., bbls.	lb.	.21 -	.28
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75 -	—
l.c.l.	100 lbs.	3.50 -	—
bbls., c.l.	100 lbs.	2.90 -	—
l.c.l.	100 lbs.	3.65 -	—
flake, bgs., c.l.	100 lbs.	3.10 -	—
l.c.l.	100 lbs.	3.85 -	—
bbls., c.l.	100 lbs.	3.25 -	—
l.c.l.	100 lbs.	4.00 -	—
l.c.l.	100 lbs.	5.10 -	—
bbls., c.l.	100 lbs.	4.50 -	—
l.c.l.	100 lbs.	5.25 -	—
Zinc sulphide, bgs., c.l. (20 tons),	dlvd. lb.	.05½-	—
l.c.l., dlvd. E. or ex whse.,	Pac. cst. lb.	.06½-	
bbls., c.l. (20 tons), dlvd.	lb.	.05½-	—
l.c.l., dlvd. E. or ex whse.,	Pac. cst. lb.	.06½-	—
Sulphocarbolate, NF, bbls.	lb.	.24 -	.26
Zinc-ammonia chloride, dms., c.l., works.	100 lbs.	5.15 -	—
l.c.l., works	100 lbs.	5.80 -	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 -	—
l.c.l., dlvd., except Pac. cst.	lb.	.05½-	—
ex whse., Pac. ct.	lb.	.05½-	—
Zirconium nitrate, kgs., works.	lb.	3.00 -	4.00
Oxide, crude, 73-75%, grd., bbls., works.	ton.	75.00 -	100.00
kgs., small lots, works.	lb.	.04¼-	.04½
white, 98%, rgd., kgs., works,	lb.	1.40 -	1.52

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the December 5 issue; the next printing will be in the January 2 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 33.

Petroleum Solvents, Lubricants, Fuels

Markets at Other Centers

—*Continued from page* 50

materially but not sufficiently pronounced to raise quotations which are again unchanged this week in the mid-continent, although the central states market is higher. The low grades are still 40c. to 65c. per barrel with the 24-28 zero at $1 per barrel and the high cold test at 85c. to 90c. per barrel.

LUBRICANTS.—This market appears unchanged with concessions still being granted by eastern refiners. The low prices of Pennsylvania crudes are influencing the markets greatly. The movement, however, has improved somewhat in the various grades.

Chicago, Dec. 15.—The tankcar gasoline market is still unsteady and apparently working to re-establish firm footing. The consumption of gasoline has held on at relatively high levels much later than was expected and almost everyone in the business is enjoying a good volume. Prices are at the lowest of their long downward move, and even at these levels there is little support. Kerosene is dull. Because of mild weather buying of furnace oils has lagged and prices are tending easier, with offerings larger. The industrial gas oils are lower and the industrial fuels are mixed, depending on the area of supply. Lubricating oils are making a fairly good showing.

GASOLINE.—Low octane motor, 3⅝c. to 4c. per gallon; 63-66, motor, 3⅞c. to 4¼c.; 67-69 octane motor, 4⅛c. to 4½c.; 70-72 octane, regular, 4⅜c. to 4¾c.; 60-62 gravity, 400, 3⅝c. to 4c.; 64-66, 375, 4¾c. to 5c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4¼c. to 4⅜c.; 41-43, water white, 4c. to 4⅛c.

FURNACE OILS.—Range oil, 3⅞c. to 4⅛c. per gallon; No. 1 white, 3¾c. to 4c.; No. 1 straw, 3⅝c. to 3⅞c.; No. 2 straw, 3½c. to 3¾c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2¾c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Dec. 13.—Firmness was the keynote of the domestic market during the past week, with all prices remaining stationary; foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 5c.; U. S. motor below 62 octane at 5c.; 63-67 octane at 5½c. and 68-70 octane at 5⅞c.—the foregoing prices being based on a per gallon rate at refinery.

The price of kerosene remained unchanged at 7½c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants in this vicinity continued to be quoted at $1.36 per barrel, delivered.

Texas Oil Field Quotas In Force Until March 31

The Saturday and Sunday showdowns in the Texas oil fields until March 31, 1939, will be continued under the provisions of an order signed by Ernest O. Thompson, chairman of the Texas Railroad Commission, Mr. Thompson indicated the move would meet with the approval of the two other commission members. Mr. Thompson stated that the present allowables would be continued throughout that period.

Lord Bearsted has resigned as chairman of Venezuelan Oil Concessions, London, effective December 31.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

Fully protected by Copyright

Two-hundred-fifty-seventh Instalment

Metal Protection

Plasticizers for Cellulosic-Base Coatings for Metals

(Continued from December 12 issue)

Succinic acid ester of 2-butyloctanol
Sulphoamides
Sulphoamidoethyl ester
Sulphobenzide
Sulphocarbanilide
Sulphonal
Terpine
Terpinene
Terpineol
Terpineol formate
Terpineol phthalate
Terpinyl acetate
Terpinyl diacetate
Terpinyl propionate
Tertiary alcohols
Tetra substituted ureas
Tetrabromophthalic acid
Tetraacetyllactose heptacetate
Tetracetyllacetose octacetate
Tetracetyllactose tetracetate
Tetraethylglycol
Tetrahydrofurfuryl alcohol
Tetrahydrofurfurylterpinene maleate
Tetrahydromethylpropylbenzene
Tetralin
Tetramethylnaphthalene
Tetraphenylurea
Toluene benzylnitrochloride
Toluene bromide
Toluene chloride
Toluene nitrobromide
Toluene nitrochloride
Tolydimethylpyrazolon
Tolypyrin
Tolypyrin salicylate
Tolysal
Triacetin
Tributyl citrate
Tributyl phosphate
Trichloroethylamidin
Trichloro-tertiary-butyl benzoate
Trichloro-tertiary-butyl lactate
Trichloro-tertiary-butyl phthalate
Trichloro-tertiary-butyl succinate
Tricresyl phosphate
Tricresyl thiophosphate
Tridimethylcyclohexylcarboxylic acid
Triethyl citrate
Trihydroxybenzene
Trimethyl phosphate
Trimethylnaphthalene
Trimethylurea
Trinitroanisol
Trinitrophenetol
Triphenyl phosphate
Triphenyl thiophosphate
Trixylenol phosphate
Trixylenol thiophosphate
Urea
Urea acetate
Urea benzoate
Urea butyrate
Urea formate
Urea naphthoate
Urea nitrate
Urea oxalate
Urea propionate
Urea salicylate
Urea sulphate
Urea valerate
Urethanes
Urethanes, substituted
Veratrol
Vetivenol
Vetivenol acetate
Vinyl acetate
Vinyl chloroacetate
Xylamide
Xylene benzylnitrochloride
Xylene bromide
Xylene chloride
Xylene nitrobromide
Xylene nitrochloride
Xylyl compounds

Reagents for Degasifying or Deoxidizing Metals

Aluminum
Aluminum-silicon alloy
Calcium
Calcium carbide
Calcium cyanamide
Carbon
Carbonyl chloride
Chromium
Coke
Ferromanganese
Ferrosilicon
Graphite
Halogens
Heating to 750° C. in the presence of carbonaceous material in admixture with compounds having a tendency to combine with sulphur as oxides
Manganese
Manganese oxides
Manganese-boron alloy
Silicon
Slag
Slag rich in manganese silicate
Spiegeleisen
Titanium
Tungsten
Vanadium

Rust-Inhibitors for Metals

Acetic acid plus iron oxalate
Acid phosphates of metals
Alkali solutions (constant immersion in)
Alloy with metals of high heat of oxidation, such as chromium
Alloy with copper, titanium with or without silicon
Alloy with silicon
Aluminum silicate in linseed oil varnish
Ammonium oleate in aqueous solutions
Amorphous graphite (coating)
Amylene dichloride
Anhydrous colloidal graphite
Anilin butyrate
Antimony compound solution in admixture with uric acid and formaldehyde
Antoxide
Asphalt
Asphalt and candletar pitch digested and vulcanized with sulphur
Asphalt paint with carbon bisulphide as the volatile element
Asphalt thinned with turpentine
Asphalt varnishes
Atmosphere dried with calcium carbonate
Atmosphere dried with calcium chloride
Aqueous solution of acid phosphates of metals, such as iron, manganese, and zinc, with colloidal silicon dioxide (produces phosphate coating on object)
Beeswax
Bessemer paint
Bitumastic products
Bituminous coatings with linseed oil thinned with turpentine
Bituminous paints
Black oxide surfacing (formed by heating iron to cherry red and keeping in contact with dry steam)
Calcium acid phosphate
Calcium arsenate
Calcium carbonate solution (constant immersion)
Candletar pitch
Carbon and graphite
Caustic potash (constant immersion)
Caustic soda (constant immersion)
Chromic acid solutions
Chromium compound solutions with uric acid and formaldehyde
Coalgas tar
Coaltar pitch in linseed oil
Cromodine
Crude tar
Crysolite (enamel)
Dispersion of natural or artificial rubber and cement sufficient to cause hardening
Double silicates of aluminum and magnesium oxide in linseed oil varnish
Drying oils
Dutch varnish
Elaterite
Elaterite in linseed oil
Electrolytic production of oxide coat (immersion in solution of fixed alkali containing copper compound, such as oxide or sulphate, connected in such a way it acts as anode)
Electro-negative coatings by bringing in contact with metal of opposite charge, for example, zinc or iron
Electro-positive coatings
Enamels (applied in molten state)
Ferric oxides, fully dehydrated and containing no sulphur compounds, especially calcium sulphate
Ferrodor
Formation thereon of one or more metals other than the metal to be covered (for example, lead covered with a layer of mercury which is converted to sulphide)
Fossil resin varnish
Furnace slag ground in linseed oil containing small amounts of copal resins and pigment, tetracalcium phosphate with other iron ore minerals
Gilsonite in linseed oil
Granodizing
Granophos
Graphite and iron oxide in linseed oil and turpentine
Heckenlooper's dip compound (coaltar, slaked lime, tallow, powdered resin, thinned with crude rubber dissolved in turpentine)
Heating metal to red heat, passing hydrogen gas over it followed by paraffin to improve color
Heating metal in presence of a coating metal, such as chromium, and a metal, such as zinc or aluminum, which has a lower melting point than the coating metal and has an affinity for the foundation metal
Heating metal to 470° C., applying an undercoat of lead containing 4.5 percent zinc and 0.5 percent aluminum; overlaying with coat of lead containing 2 percent phosphor-tin at 400° C.
Hydrocarbon solvents
Hydrocarbon vapors
Iron-antimony glycerophosphate
Iron-cadmium glycerophosphate

(To be continued)

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 59 John Street, New York

Agencies Wanted

SWITZERLAND—Active and well established firm, best references, would be interested in securing American agencies for the sale of chemicals, oils, waxes, solvents and similar raw materials. Prepared to buy for own account or on commission basis. BOX 180, Oil, Paint and Drug Reporter.

ESTABLISHED MANUFACTURER of waterproofed concrete products open to act as west coast factory branch for color, chemicals, asphalts, oils, steel shot, paints; sales engineers, warehouses available. Volsonite, Box 224, Oil, Paint and Drug Reporter.

EXPORT SERVICES—Export-import firm, financially responsible and successful, 15 years in business, wishes to represent out-of-town manufacturer not having New York office for exports. BOX 225, Oil, Paint and Drug Reporter.

Buildings Offered

PHILADELPHIA.—Modern concrete fireproof factory building, 23,000 square feet floor space. Designed for wholesale drug business. Bordering central business district. Three street fronts. C. Harry Johnson, Packard building, Philadelphia, Pa.

Equipment Offered

CONSOLIDATED OFFERS.—Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE.—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

Equipment Offered

FOR SALE—One belt driven 12 inches by 30 inches water cooled Kent roller mill. BOX 214, Oil, Paint and Drug Reporter.

FOR SALE—Fourteen units each consisting of 12-one gallon jars Paul O. Abbe pebble mills, with ¾ HP, 220V motors. One Bryant silica gel air conditioning unit for 5760 c.f. Phosphoric acid, aluminum phosphate, fluoride, hydrate, fluorspar, feldspar, cryolite, all original packages, 1-2 ton lots. Baker & Co., Inc., 113 Astor street, Newark, N. J.

FIND what you want right in New York City. Pony mixers, post mixer, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street. SPring 7-8955.

FROM PLANT liquidations—Four 6-foot diameter Buffalo vacuum crystallizers; jacketed agitated vacuum stills 25 to 2,000 gallons, glass lined and steel; glass lined and steel storage tanks; 3 feet by 15 feet rotary vacuum dryer; Hardinge mill, 6 feet by 36 inches; pebble and jar mills to 250 gallons capacity; filter presses to 36 inches square; Stedman 42 inches disintegrator; W. & P. jacketed mixer, size 15; tablet machines ½ inch to 2 inches, single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listings. We buy your surplus machinery. Stein Equipment Corp, 426 Broome street, New York City.

Equipment Wanted

WANTED—A Macmichael viscosimeter in good condition. Knox & Morse Co., 30 Freeport street, Boston, Mass.

Factories Offered

FIREPROOF FACTORY—One story, 15,500 sq. ft., 18-20 ft. headroom, sprinklers, concrete floor, railroad siding, live steam available. Unrestricted district, Brooklyn; subway two blocks. The R. L. Kraft Company, Woolworth Building. COrtlandt 7—9377.

Factories Wanted

PAINT FACTORY wanted, or building suitable for this purpose. Might consider partnership with established concern. Have many years experience in this line. Give full particulars when answering. BOX 226, Oil, Paint and Drug Reporter.

Materials Offered

FOR SALE—25 tons per week pure magnesia oxide, magnesia carbonate, also byproduct chalk; 500 flasks per month quicksilver; 1,000 pounds per month tungstic acid pure, also tungstate of calcium. Ammonium potassium. Large tonnage spodumene. 600 tons chromite 50 percent. BOX 227, Oil, Paint and Drug Reporter.

Positions Vacant

WANTED—Capable agents or salesmen who have a following with paint manufacturers and/or industrial houses to take on complete line of varnishes, grinding vehicles, etc. Varnish firm small, but progressive. Can offer complete technical service in utilizing our vehicles. Furnow Varnish Works, 43-15 36th street, Long Island City, N. Y.

PAINT MANUFACTURER has immediate opening for superintendent who must be first-class industrial paint and varnish formulator and chemist. Reply: President, Box 6757, Pittsburgh, Pa., stating age, experience, salary expected and complete information to justify interview. Excellent opportunity for the right man.

CHEMIST or practical paint man with knowledge of chemistry to supervise growing paint concern in the east. In first letter give full particulars, experience and salary desired. BOX 217, Oil, Paint and Drug Reporter.

Positions Wanted

IMPORT-EXPORT — Domestic markets, young industrious executive available, thoroughly experienced buyer, salesman, brokerage, merchandising wholesale chemicals, drugs, botanicals, oils, all allied lines also general merchandise; readily adaptable any business. BOX 213, Oil, Paint and Drug Reporter.

IF KNOWLEDGE of trade territory, jobber, manufacturer and large dealer, in west and southwest, and ability sell your raw material, finished product or sundries line is of interest to you, write BOX 223, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers—If you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

CHECK INVENTORIES—Cash for any quantity, surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals and all basic raw materials as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

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419 Lafayette St. New York, N.Y.

LIQUIDATORS APPRAISERS

Cable: EFFEMCY

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—Continued from page 57

Rydboholm	Hernosand*	Dec 13
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San Simeon	Portland*	Dec 13
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Santa Lucia	San Antonio*	Dec 12
Santa Maria	San Antonio*	Dec 19
Santa Paula	Curacao*	Dec 12
Sanyo	Hamburg*	Dec 18
Scanpenn	Gdynia*	Dec 20
Seatrain Havana	New Orleans*	Dec 13
Seatrain New York	New Orleans*	Dec 20
Schodack	Havre*	Dec 20
Silverpine	Singapore*	Dec 23
Southern Prince	Buenos Aires*	Dec 21
Stary Bolshevik	Leningrad	Dec 12
Steel Mariner	Calcutta*	Dec 14
Swinburne	Bahia*	Dec 21
Talamanca	Port Limon*	Dec 18
Telamon	Ciudad Bolivar*	Dec 20
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Texas Trader	Houston*	Dec 20
Timber Rush	San Francisco*	Dec 12
Transylvania	Glasgow*	Dec 18
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Tweedbank	Manila*	Dec 22
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Veendam	Rotterdam*	Dec 20
Velox	Buenos Aires*	Dec 21
Vermar	Portland*	Dec 19
Vigrid	Gdynia*	Dec 15
Volendam	Rotterdam*	Dec 13
Washington	Seattle*	Dec 20
West Cusseta	Dunkirk*	Dec 14
Westernland	Antwerp*	Dec 20
West Isleta	Mombasa*	Dec 15
William Luckenbach	Seattle*	Dec 15
Yamakaze	Kobe*	Dec 23

* And other ports

Recent Charters

PETROLEUM—4,735 tons, S S Adellen, dirty, Gulf to Havre, 11s 6d; February

4,248 tons, S S Larry Doheny, crude light, Gulf to North of Hatteras, 23c a barrel

4,985 tons, S S Alexandria Hoegh, dirty, Gulf to Havre, 11s 6d; January

3,105 tons, S S Carrabulle, crude and fuel oil, Gulf to North of Hatteras, 26c a barrel; December

3,180 tons, S S Kekoskee, crude light, Gulf to North of Hatteras, 24c a barrel; January 5-28

6,529 tons, S S Eleanora, dirty, Aruba to West Italy, 10s; January

2,977 tons, S S Georgio, dirty, six to nine months, consecutive voyages, Iraq to Italy, 7s; December-January

2,946 tons, S S Frisco, dirty, six to nine months, consecutive voyages, Iraq to Italy, 7s; December-January

PHOSPHATE—1,903 tons, S S Frida, Florida to Continent; December-January

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act, or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended December 14

Cassia oil, 29 drums; not U.S.P.

Cod oil, industrial, 150 drums; restricted use.

Ergot, 8 cases; not U.S.P.

Fennel seed, 11 bags; filthy.

Nutmegs, 125 bags; restricted use.

Stramonium leaves, 69 bales; not U.S.P.

Los Angeles

Week Ended December 14

Insecticide, 108 dms; false and misleading statements.

Medicinal preparations, 50 pieces; acetphenetidin and acetanilide incorrectly declared.

Philadelphia

Week Ended December 14

Caraway seed, 100 bags; filthy.

Codliver oil, 2 drums; non-destearinated and not so labeled.

San Francisco

Week Ended December 14

Condiment, 100 cases; misleading statements.

Hair dye, 2 pieces; coal tar due without caution statement.

Medicinal preparations, 100 pieces; new drug; false therapeutic claims.

Medicinal preparations, 320 pieces; false therapeutic claims.

Seattle

Week Ended December 14

Hair dye, 36 pieces; coal tar dye without caution statement.

Medicinal preparations, 17 pieces; false therapeutic claims.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any direct office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Acid, borax:—Purchase and agency; Cairo, Egypt (8716).

Anilin dyes:—Purchase and agency; Cairo, Egypt (8716).

Blue vitriol:—Purchase; San Jose, Costa Rica (8715).

Borax:—Purchase and agency; Cairo, Egypt (8716).

Carbon bisulphide:—Purchase and agency; Cairo, Egypt (8716).

Cresol insecticide:—Purchase; San Jose, Costa Rica (8715).

Licorice, raw:—Purchase and agency; San Juan, Puerto Rico (8745).

Petrolatum:—Purchase and agency; Cairo, Egypt (8716).

Pharmaceuticals:—Agency; Madras, India (8714).

Pharmaceuticals:—Purchase and agency; Rio de Janeiro, Brazil (8718).

Phosphate fertilizer:—Purchase; San Jose, Costa Rica (8715).

Potash carbonate:—Purchase; Zurich, Switzerland (8774).

Potash, caustic:—Purchase; Zurich, Switzerland (8774).

Rosin:—Purchase; Zurich, Switzerland (8774).

Rosin:—Purchase; Alexandria, Egypt (8717).

Soda bisulphide:—Purchase; London, England (8773).

Soda phosphate:—Purchase; Zurich, Switzerland (8774).

Soaps:—Purchase and agency; San Juan, Puerto Rico (8745).

Sulphur:—Purchase; Zurich, Switzerland (8774).

Toilet preparations:—Agency; Madras, India (8714).

Toilet preparations:—Purchase and agency: Rio de Janeiro, Brazil (8718).

Holiday Mementoes Received

The REPORTER acknowledges in appreciation the receipt from friends of mementoes of the holiday season as follows:—

Baird & McGuire, Inc., Holbrook, Mass.—A large wall calendar picturing industrial progress in colorful allegory. Three months are shown on each calendar leaf.

General Electric Company, Schenectady, N. Y.—A large wall calendar of twelve full-color sheets picturing industrial applications of electric power, and economic phases of its production and use. Each sheet has a three months' calendar.

Hercules Powder Company, Wilmington, Del.—A poster calendar for 1939, picturing in beautiful coloring a lad experimentally entranced with "A New World"—of chemical reactions. The calendar shows three months at a time.

Mutual Chemical Company of America, New York.—A desk calendar and memorandum pad of generous size on a chrome-plated base.

Solvay Sales Corporation, New York.—A wall calendar of twelve sheets depicting in offset scenes of the application of calcium chloride. Three months are shown on each sheet.

W. E. Gilbert, of the Shell Oil Company, Los Angeles, has been named 1939 chairman of the central committee on drilling and production practice of the American Petroleum Institute.

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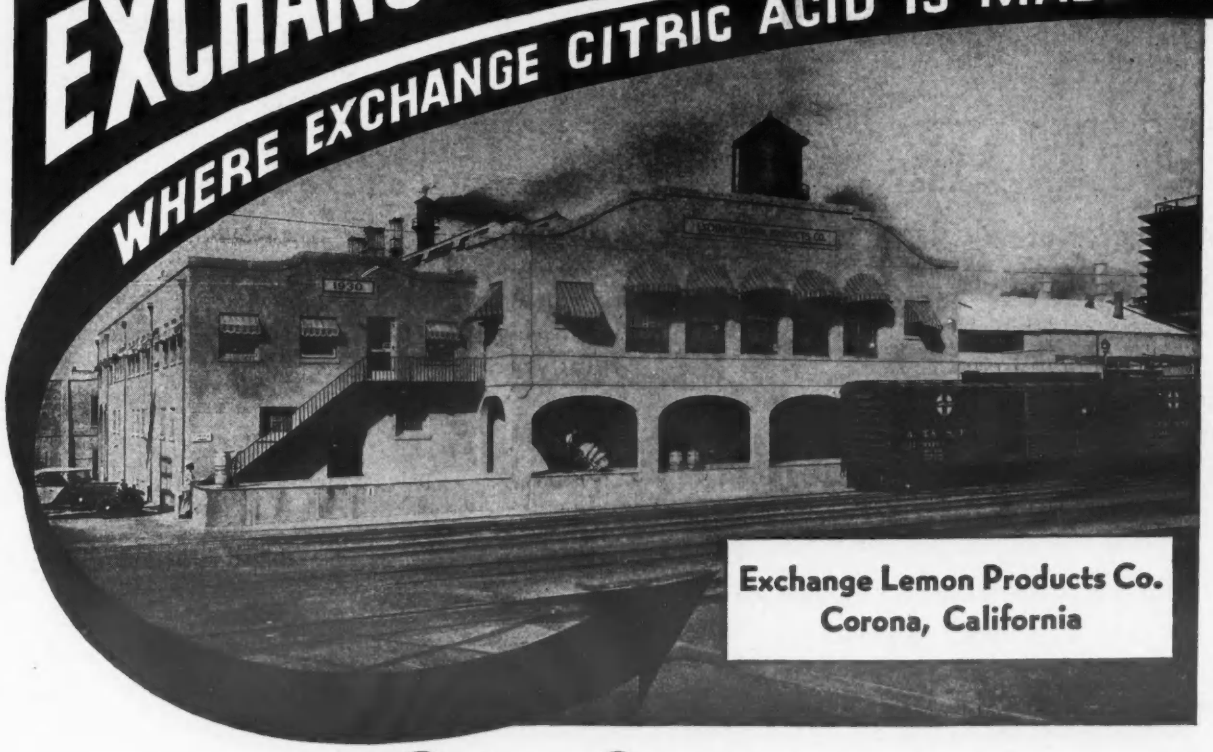

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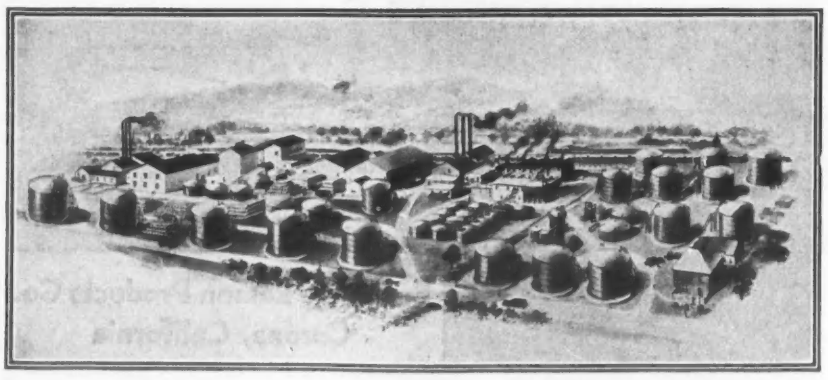

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